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WEST VIRGINIA, U. S. A.

ANNUAL REPORT

OF THE

DEPARTMENT OF MINES

FOR THE YEAR ENDING

JUNE 30, 1907.

JAMES W. PAUL,
CHIEF OF THE DEPARTMENT OF MINES,
CHARLESTON.



CHARLESTON.
THE TRIBUNE PRINTING CO.
1908.

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ERRATA.

- Page 2—3rd line should read "Figures taken from United States Geological Survey's report * * * *"
- Page 13—6th line from bottom in Harrison County should read: "Marshall Coal Co."
- Page 20—2nd line in table, Persinger Coal Co.'s. total production should read: "5,357."
- Page 41—Insert Asterisk before word "Worked" at bottom of page.
- Page 60—2nd line from bottom in McDowell County should read "Page Coal & Coke Co., Page Nos. 1 and 2" instead of "Oregon Coal Co."
- Page 78—2nd column in table; heading should read: "Name of Company."
- Page 83—First four names in 1st column should read as follows: "Williamson," "Sugar Tree", "Howard" and "Chattaroy."
- Page 85—Insert Asterisk before word "Just" next to last line at bottom of page.
- Page 112—Last two names in 1st column should each begin: "New River."
- Page 115—Insert Asterisk before word "Worked" at bottom of page.
- Page 152—1st name under Raleigh County should read: "New River Collieries Co."
- Page 185—Last column following figures 565 should be: "566."
- Page 190—Last column, last two lines, should each read: "Coaldale."
- Page 217—2nd word at bottom of page should be: "For."
- Page 386—After line number 369 in 1st column, insert the following: "504—Morris Creek Coal Co., Morris Creek. Ventilation."

Compliments of

James W. Paul,

Chief of Department of Mines.

PERSONNEL OF THE DEPARTMENT OF MINES.

JAMES W. PAUL, *Chief of the Department of Mines.*

EDWARD V. BYRNE, *Inspector for First District.*

FRANK E. PARSONS, *Inspector for Second District.*

JOHN F. BRATT, *Inspector for Third District.*

EARL A. HENRY, *Inspector for Fourth District.*

*JOHN I. ABSALOM, *Inspector for Fifth District.*

BONNER H. HILL, *Inspector for Sixth District.*

WILLIAM WARNER, *Inspector for Seventh District.*

*John I. Absalom, Inspector, until May 31, 1907.

LETTER OF TRANSMITTAL.

DEPARTMENT OF MINES,
STATE OF WEST VIRGINIA.

To His Excellency, WM. M. O. DAWSON,
Governor of West Virginia.

SIR:—In compliance with law I have the honor to submit herewith my eleventh annual report, being the third annual report of the Department of Mines, for the year ending June 30, 1907, and embracing the twenty-fifth annual report upon the condition of the coal mines within the State as reported by the several district inspectors.

Very respectfully,

JAMES W. PAUL,
Chief of Department of Mines.

Charleston, W. Va., December 24, 1907.

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ANNUAL REPORT.

ANNUAL REPORT.

To the Governor:—

The report herewith is for the year ending June 30, 1907.

INSPECTIONS MADE.

The District Inspectors during the year made a total of 1343 records of inspections and visits to the mines.

In addition to these a large number of visits were made for the purpose of conferring with officials relative to improvement of conditions within the mines.

As related in my previous report, the number of mines in each district has been so great that the Inspectors have been unable to make an inspection of each mine once every three months.

With the addition of five Inspectors, beginning on July 1st, 1907, it is hoped that the inspectors may be able to meet the requirement of the law in making four stated inspections of each mine during the ensuing year, but I much fear that contingencies may arise which may make it impossible to meet the letter of the law in this respect. Some mines necessitate frequent inspections which robs the time that might be spent at other mines.

LABOR IN MINES.

An effort has been made to ascertain the number of the different nationalities that are employed within the mines in the State, but owing to the incomplete reports made by some of the operators the effort has been only partially successful.

On page 86 of this report may be found a summary of the nationalities employed. The table is complete with the exception of listing the nationalities of 12,115 persons.

Out of a total of 56,209 persons employed the nationality is reported upon 44,094, and of this number there are 20,409 white Americans, 9,908 Negroes, 5,965 Italians, 2,753 Hungarians, 1,540 Polish and 3,519 employes of 24 other nationalities.

With such an heterogeneous mass of humanity, a large part of which is lacking in mining skill and knowledge of mining conditions, it is not surprising that mine disasters occur which shock the public mind and blemish the fair name of the State.

The mining industry of the State is passing through its most crucial period,—in the transition from English speaking workmen to the tongues of many European countries whose subjects are a menace to the safety of a mine.

Until a new generation is had, which has taken on the intelligence of a practical mine worker and which embraces the teachings of American institutions, there will remain a factor of danger within our mines that legislation cannot easily eliminate.

As the weakest link measures the strength of a chain, the most incompetent and unskilled mine worker establishes the safety within a mine.

LEGISLATION.

After repeated efforts made by this office for the past ten years to secure a revision of our mine law to meet the changing conditions, it is a matter of some personal gratification to know that acting upon the special report made to your Excellency on March 3, 1906, a Mining Commission was appointed for the purpose of revising our mining law.

This Commission in due course of time made its report and submitted the draft of a mining bill which the Legislature in regular session of 1907 enacted into law with a few radical amendments.

The workings of this law were in part effective for only thirty-nine days during the period covered by this report, and in such a brief period it was not possible to fully test the efficiency of its provisions.

A part of the law did not become effective until July 1st and other parts not until August 22nd, 1907.

In many respects the new law is a great improvement over the former law, but it will have to undergo the test of courts to prove its efficiency.

MINE FOREMEN.

That part of the Mining Commission's report relative to requiring a board of examiners to pass upon the competency of Mine Foremen failed of passage in the Legislature, but it is to be hoped that the requirement which, under the new law, makes it incumbent upon the Mine Foremen to take regularly measurements of the air currents within the mine may raise the standard of efficiency among such officials.

CHANGES OF INSPECTORS.

During the month of May, 1907, the Chief of the Department had to exercise the unpleasant duty of requesting the resignation of the Inspector for the Fifth District. This resignation was effective May 31st, 1907, and the written reports from that district are, in consequence, incomplete.

The new Inspector for the district did not assume the duties of the office until after the expiration of the year covered by this report.

—o—

CIRCULAR LETTERS ISSUED RELATIVE TO NEW MINE LAW.

DEPARTMENT OF MINES,
STATE OF WEST VIRGINIA.

JAMES W. PAUL,
Chief Mine Inspector.

CHARLESTON, May 6, 1907.

Operators of Coal Mines,

West Virginia.

GENTLEMEN:—Your attention is directed to the provisions of the new mining law which becomes effective May 22, 1907, a copy of which you will find enclosed herewith, together with a synopsis of the contents of the law.

Under the provisions of this law each operator of mines employing

as many as five persons is required to furnish each employe a copy of the state law and a copy of the rules of the mine, the latter to be printed in the languages spoken by as many as ten employes. This provision becomes effective August 22, 1907, the date after which each employe shall be instructed as to the danger of his work and who shall work under the personal direction of a competent and practical mine man.

It is incumbent upon the operators of mines to procure the laws and adopt the rules as provided. The public printer has furnished me a schedule of prices at which quantities of the mine law may be had at a nominal price, which schedule I herewith enclose.

Beginning with May 22, 1907, each operator is required to furnish for the use of the mine foreman an anemometer to be used by the mine foreman in making measurements of the air currents within the mines. You will find enclosed a list of dealers who furnish anemometers. I would recommend the purchase of a 4 or 5 inch anemometer.

The law requires that mine foremen and fire bosses make a record of their work within a book having a form prescribed by this Department. You will find enclosed herewith the forms for these books which you may have made at your earliest convenience.

The public printer has named a price for these books as stated on the forms. As this feature of the law becomes effective May 22nd, it will be expedient to rule a few forms for use until permanent books are provided.

As to the adoption of rules and having these printed in the different languages, this is an expense to be borne by the operators, and I suggest that the operators of the different coal fields select committees to formulate rules adapted to the local conditions within the mines. The members of the inspection Department will gladly co-operate with the operators in this work.

The rules should be printed on card board for posting at the mine, also in pamphlet or folder form for distribution among the employes.

Receipts should be obtained from the employes for copies of the law and rules and kept on file.

There are many important changes in the law and all of its provisions and requirements will be exacted by the Department, hence it is of importance that mine managers and employes give it a careful reading.

Aside from the above, I may call attention to the following requirements:

Two safety lamps shall be kept at each mine.

Break-throughs in pillars shall not exceed 80 feet apart.

Steam locomotives will not be permitted to be used in any mine in which men are employed.

Powder shall be carried in 5 lb. cannisters.

Solid shooting may be done only as directed by the inspection Department.

Boys under 14 years not allowed to work in mines.

Stoppings to be made of material approved by the inspection Department.

Doors to be avoided in gaseous mines.

Air currents to be split; not over 60 persons allowed in any one split, effective August 22, 1907.

Two openings required at all mines.

Not over twenty persons may work to obtain a second opening.

Safety lamps to be used for work in gaseous mines.

Department may close any mine found in dangerous condition.

Very respectfully,

JAMES W. PAUL,

Chief Mine Inspector.

—o—

FEATURES OF THE MINE LAW—1907

1. Department of Mines in charge of Chief of Department of Mines, formerly Chief Mine Inspector. See Section 1.
2. District Mine Inspectors appointed by the Chief of Department of Mines. See Section 2.
3. Inspection districts increased to twelve. See Section 4.
4. (a) Operators to furnish map of mine on a scale of 100 or 200 feet to the inch. See Section 5.
(b) Direction of air current to be indicated on map by arrows. See Section 5.
(c) Plans of all new development to be furnished the District Inspector previous to making the development. See Section 7.
(d) Department may have survey of mine made if maps are not furnished, or if map so furnished is believed to be inaccurate. See Section 6.
(e) Operators to pay costs if original map is inaccurate. See Section 6.
5. (a) After August 22, 1907, the mine foreman shall instruct each person employed within the mine as to the particular danger of his work and furnish him a copy of the mine law and rules of the mine. See Section 8.
(b) Every inexperienced person employed shall work under the personal direction of the mine foreman or other experienced mine worker. See Section 8.
(c) Two openings required at all mines each to be available to travel of men. Not over twenty persons allowed to work in any mine having but one opening. See Section 8.

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6. (a) Metal speaking tube from top to bottom of shaft. Other means of signalling required. Safety catches and hoods on cages. Safety gates at top of shaft. Adequate brake on hoisting drum. See Section 9.
 - (b) Hoisting machinery to be inspected once each day. See Section 9.
 - (c) Traveling way around bottom of shaft required. See Section 9.
 7. (a) Sober engineers to be in charge of hoisting machinery. See Section 10.
 - (b) No more than ten persons shall ride on any cage or car at one time. No person allowed to ride on loaded car or cage in any shaft or slope. See Section 10.
 - (c) Slope, haulways and motor roads used for travel shall be made sufficiently wide for persons to pass moving cars in safety. See Section 10.
 - (d) Or refuge holes, kept whitewashed, shall be made on one side not over 60 feet apart. See Section 10.
 - (e) No person shall travel on slope, engine plane or motor road when other roads for travel are provided. See Section 10.
 8. (a) Ventilation,—In non-gaseous mines 100 cubic feet of air per minute for each employe required, or as much more as may be required by the District Inspector. Air shall be conducted to face of all workings. See Section 11.
 - (b) Break-throughs shall be not over 80 feet apart in headings and rooms in the same pillar. See Section 11.
 - (c) Stoppings to be constructed and made of material approved by the Inspector. See Section 11.
 - (d) After August 22, 1907, the air current shall be split so as to not allow over 60 persons to be in the same current. Cases where 80 persons may be permitted in the same current. See Section 11.
 - (e) No person allowed to work where the air current is less than 100 cubic feet of air per minute. See Section 11.
 - (f) Dust in all mines shall be prevented from accumulating and mine kept watered down. See Section 11.
 - (g) Powder to be taken into mines in five pound metallic cans. Quantity of explosives limited. See Section 11.

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9. (a) In gaseous mines,—Minimum ventilation 150 cubic feet per minute for each person or as much more as the Inspector may direct. See Section 12.
- (b) Stoppings to be made of material approved by the Inspector. Doors to be avoided. Overcasts made of incombustible material. See Section 12.
- (c) Safeguards to be used in worked out or abandoned parts of the mine. Prevent overflow of standing gas. Unlawful for any unauthorized person to enter such parts. See Section 12.
- (d) Twenty minutes shall elapse after shot before miner shall re-enter working place. See Section 12.
- (e) Workmen shall be withdrawn from mine when ventilation is disturbed. See Section 12.
- 10 (a) In gaseous mines the ventilation to be produced by a fan, which shall be run day and night. See Section 13.
- (b) Fire boss to be employed. Shall understand gases and their detection. Shall understand ventilation. Three years' experience in gaseous mines; his duties. See Section 13.
- (c) Danger signal to be displayed outside of mine. Shall begin examination within three hours before shift enters mine. Evidence to be left in working places. Shall make written report in book. See Section 13.
- (d) Unlawful to enter mine until signal has been displayed. See Section 13.
11. (a) Safety lamps to be used exclusively in gaseous mines, except by permission of Inspector. See Section 14.
- (b) Safety lamps to be in charge of a special person. See Section 14.
- (c) At all mines two safety lamps shall be kept. See Section 14.
12. (a) Mine foreman;—his duties,—Shall have had five years' experience in coal mines. See Section 15.
- (b) Shall keep careful watch over ventilation; attend to breakthroughs; loose top; furnish props and timbers. Employes to notify mine foreman when in need of props. Miners shall prop the roof. Water to be removed from the mine. See Section 15.
- (c) Cross-cuts to be driven. See Section 15.

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- (d) Check doors to be used to ventilate rooms. See Section 15.
 - (e) No room to be turned off ahead of the ventilating current. See Section 15.
 - (f) Inspector may stop men from working. See Section 15.
 - (g) Air current to be measured by the mine foreman twice each month and recorded in a book. See Section 15.
 - (h) Anemometer to be provided by the operator. See Section 15.
13. (a) Assistant mine foreman shall have had three years' experience in coal mines. See Section 15.
- (b) Space on haulways to be made ten feet long by 30 inches wide every one hundred feet. See Section 15.
 - (c) Bore holes to be kept in advance. See Section 15.
 - (d) Signal light to be carried on each end of trips of cars. See Section 15.
 - (e) Stationary light to be maintained at top and bottom of shaft. See Section 15.
 - (f) Cages carrying men not to be lowered or hoisted at a speed greater than 600 feet per minute. See Section 15.
 - (g) Mine cars, neither empty nor loaded, shall not be hoisted while men are being lowered or hoisted. See Section 15.
 - (h) Cage having unstable platform not to be used for carrying men unless provided with device for locking same. See Section 15.
14. Stretchers to be kept on hand. See Section 15.
15. (a) Mine foreman or his assistant to visit and examine every working place every alternate day. See Section 15.
- (b) Shall not permit any one to work in unsafe place; exception. See Section 15.
 - (c) Props or timbers to be placed by miners. See Section 15.
 - (d) Mine foreman to notify operator of his inability to comply with requirements of this section. Duty of operator or agent. See Section 15.

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16. (a) Operator to furnish inspector facilities for entering and examining mine. See Section 16.
- (b) Duty of Inspector when mine is in unsafe condition. Notify operator and Chief of Department of Mines. See Section 16.
- (c) Chief of Department of Mines to examine mine and if he considers it unsafe has authority to close it. See Section 16.
- (d) Owner or operator may apply to Circuit Court, or judge thereof in vacation, for order directing mine to be re-opened. See Section 16.
- (e) Court, or judge thereof in vacation, to immediately hear and determine matters. See Section 16.
- (f) Notice of hearing, three days at least, to be given District Mine Inspector or Chief of Department of Mines. See Section 16.
- (g) Attorney General to represent the State. See Section 16.
17. (a) Boys under fourteen years of age and female persons not to be employed in mines. See Section 17.
- (b) Affidavits to be furnished by parents or guardian of age in all cases of doubt. See Section 17.
18. (a) Employes not to do any act that endangers life or property. See Section 18.
- (b) Employes not to disobey orders given in compliance with law. See Section 18.
19. Operators to furnish mine foreman all necessary supplies; right of action for damages. See Section 18.
20. Intimidation of employes prohibited. See Section 19.
21. (a) Explosions or other accidents:—Duty of superintendent or mine foreman; notify Inspector, and in case any one is killed thereby, notify coroner or justice of the peace also. See Section 20.
- (b) Inspector's powers and duties in case of explosion or other accident. See Section 20.
- (c) Coroner's duty to Inspector. See Section 20.
22. (a) Operators to make annual report during month of July to Chief of Department of Mines. See Section 21.
- (b) Any person, company or corporation transferring ownership of a

coal mine shall report such transfer to Chief of Department of Mines within 30 days. Statement of tons of coal produced since first of July, last, previous to sale or transfer of such mine or mines. See Section 21.

23. Penalty for permitting persons to work, and for employes working, in any part of a mine in violation of instructions of Mine Inspector. See Section 22.
24. Solid shooting:—The District Mine Inspector to prescribe conditions under which such solid shooting may be done. See Section 23.
25. Steam locomotives not to be used in mines; exception. See Section 24.
26. (a) Rules to be adopted by operator for government and operation of mine or mines. See Section 25.
 - (b) Printed on card-board in languages spoken by ten or more employes. See Section 25.
 - (c) Post in drum house, tippie or some other conspicuous place. See Section 25.
 - (d) Copy to be furnished each employe. See Section 25.
 - (e) See Section 15 reference to timber in mines.
27. (a) Courts having concurrent jurisdiction. See Section 26.
 - (b) Right of appeal. See Section 26.
28. (a) Mine Law applies to coal mines in which 5 or more persons are employed. See Section 27.
 - (b) Mine foreman not required unless ten or more persons are employed. See Section 27.

—o—

DO NOT TAKE THIS BOOK INTO THE MINE.

N. B.—The fire boss will
sign each report
when made.

Use Indelible Pencil.

FIRE BOSS' RECORD BOOK.

Name of mineName of operating Company.....
Post office, County....., West Virginia.

1. Date,190.. What hour did you enter the mine.....
.....A. M.P. M.

2. Was the fan running when you entered?.....Did you date and sign bulletin board before entering?.....
 3. What hour did you come out of the mine.....A. M.P. M.
 4. What sections of the mine did you visit and examine?.....
 5. What sections of the mine did you not visit?.....
 6. What did you write or display on bulletin board upon coming out of the mine?
 7. Did you detect any gas, and where?.....
 8. Did you brush out or remove any gas and where?.. ..
 9. Did you visit all places in the district assigned you?.....
 10. Did you find any doors standing open, and where?.....
 11. How many places did you examine and mark safe?.....
 12. How many places did you mark dangerous, and where?.....
 13. Did you find any crosscuts needing stoppings, and where?.....
 14. Where is brattice needed in the mine?.....
 15. Is brattice conducted to face of all gaseous places?.....
 16. State condition of doors, stoppings and airways.....
 17. State where you found any unsafe roof where men travel or work?.. ..
 18. Did you examine any part of abandoned works and did you find any standing gas; and where?
 19. Did you personally notify any employes of any danger and where was the danger?
 20. What parts of the mine are dusty?.....
 21. When were the dusty parts last made wet?.....
 22. What duties will you perform during the next 7 hours after examining the mine and making this report?.....
- Signed thisday of, 190.....

Fire Boss. .

DEPARTMENT OF MINES,
STATE OF WEST VIRGINIA.

CHARLESTON, May 27, 1907.

JEWETT, BIGELOW & BROOKS COLLIERIES CO.,

Marytown, W. Va.

GENTLEMEN:—

RE. MEASUREMENTS OF AIR IN MINES.

Replying to yours of the 20th inst., in which you suggest that the Superintendent or Mining Engineer take the measurements of air in different parts of the mines, as is required by the law to be done by the Mine Foreman, I may say that the purpose of this law was to raise the standard of Mine Foremen and at the same time insure a better ventilation of the mines.

Under the law the Mine Foreman will have to certify as to the correctness of the measurements and it would be important that Mine Foreman should be present at all times when these measurements were taken, if they should be taken by the Superintendent or Engineer.

After having been given the necessary instruction by the General Superintendent or Engineer, the Mine Foreman ought to be able to continue to make the necessary readings and calculations. However, the Department will have no objection to any operators having their Superintendent or Engineer check the accuracy of the measurements taken by the Mine Foreman.

In reference to the employment of Fire Bosses and using a Fire Boss' record book, this applies only to mines in which explosive gas is generated.

Yours truly,

JAMES W. PAUL,

Chief of Department of Mines.

J. W. P.

—o—
THE PAWAMA INJUNCTION.

DEPARTMENT OF MINES,
STATE OF WEST VIRGINIA.

WELCH, W. VA., Nov. 14th, 1906.

MR. J. W. PAUL,

*Chief Mine Inspector,
Charleston, W. Va.*

DEAR SIR:—

The following is the report of the injunction proceedings against the Pawama Coal & Coke Co. to date:

Our counsel considered it very necessary that a legal notice be served upon the Company, consequently I served that notice myself on said Company. I met the General Manager, Mr. Parrott, and General Superintendent, Mr. J. C. Stras, on the train near their mines, and served the papers.

They begged, pleaded and argued, and then became abusive, charging

me with discriminating against them, of acting toward them with prejudice, and demanded that I inspect their mines again the next day, claiming that they had placed their mines in good condition since my inspection.

Finding that their policies availed them nothing, they became very threatening and tried very hard to intimidate me into withdrawing the proceedings and threatened to have all of the private mine inspectors of the Pocahontas Collieries Co. to inspect their mine and to prove in court that their mine was in good condition.

I appeared yesterday with counsel in court at Princeton, Mercer County, to present the application for injunction. A damage case was in progress before the court of a property holder against the Deepwater Railroad, involving only a few hundred dollars.

The court stopped long enough to endeavor to have counsel on both sides agree to a postponement to some future date. As I understood the law, I positively declined to agree to any future postponement and that the responsibility of the case not being heard would have to rest with other authority than the Mining Department.

The court stated that he would be busy for a month, and that if he heard our case at all, he would have to hear it at night.

The counsel for the Pawama Coal & Coke Co. stated that he had to leave the city and would not return before the 22nd of the month, and perhaps not until the end of the month, and that he had a number of witnesses to call, experienced engineers, private inspectors and uninterested men who were prepared to testify that their mines are in good condition, and that the facts, as charged in my bill of complaint, were not the conditions as existed in their mine.

The court then stated that it was a serious duty that the State officers had to perform to enforce the law, but that it was also a serious matter to close down a coal mine, as it would entail a serious loss to the owners and that he would hear the case on the night of Nov. 23rd at the Princeton Court House, Mercer County.

We are confronted with the following circumstances: A court that will postpone the hearing for such a length of time that it practically kills the effect of the law and entirely disables the Inspector to follow the case.

I have now spent four full days on this case and it will require as much more time to finish it, and the loss of so much time cripples my regular work. And the expense, which my counsel will be obliged to incur by such postponement, will consume more than his limited fee, allowed him by law, and the result is, no lawyer will take a case for the Mining Department.

Besides a coal company in this region is able to bring unlimited number of witnesses, who are willing to testify anything, against the State and at the behest of the coal company, that if the court decides the case according to the preponderance of witnesses (as is entirely likely), it will be useless to make any application for an injunction.

It is proven beyond doubt, that it is not only true, as the Governor has stated, "That there are coal companies who have no regard whatever for human life," but they stand ready to use perjured evidence to thwart

the efforts of the State to enforce the laws now existing for the health and lives of the workmen.

Surely this is ample reason for the Mining Commission to recommend that the present laws be revised.

During my time in Pocahontas during the West Fork Mine explosion many of the employes of the Pocahontas Collieries Co. appealed to me for advice as to the safety of said mine. Realizing that an explosion of mine might result to the detriment of said Company, I advised employes to return to work, and many lawyers and numerous citizens, many of whom had relatives killed in said explosion, have come to me for information regarding the condition of said mine. I have refrained from saying anything that might injure the said Company. Now they allow their Inspectors to come in to this State to assist the opposition of the enforcement of *our* laws.

At this time I know that said mine of the Pocahontas Collieries Co. is exceedingly dangerous. That employes are being carried out overcome with bad air; and that two bodies were brought out of said mine last week and buried; and at this writing I have good reasons to believe that there are from 10 to 15 bodies in that mine not recovered.

I write you this to show you the unprecedented effrontery of these people.

I submit to you the following suggestions, if you wish me to continue this case to the end. No use of sending but one inspector to help corroborate my evidence, as it is a question if the entire inspection force of the State would be accepted by the court in preponderance of the witnesses that will be produced by the Company.

As the Company contends that they have put the mine in good condition since my inspection you may wire, or write me, if you wish me to make another inspection to learn if they have performed a miracle by putting air in that mine without a ventilating fan.

Let me have your instructions at once. I feel that it would be best to drop this case at the present stage and prepare to take the next case to the highest court and see if a circuit court can not be compelled to hear an application for an injunction without such an unreasonable postponement; or to fight the case to the end.

I wish you to advise me further regarding the expenses necessary to push such a case through the court. If the expenses, so entailed, are to be included in my regular monthly expenses it will greatly reduce the amount allowed me by law to carry on my regular work. The expenses of this case so far, personally, amount to about \$15.00, to say nothing of the expense of my attorney, paid by himself.

Another matter, regarding the holding of inquests, as provided by law when necessary, it is plain that the coal companies intend to hold their own inquests without giving the Mine Inspector an opportunity to be present, and taking particular caution that he will not be present, and to select their own jurors and proceed in every particular contrary to law.

I would also call your attention to the fact that these counties have

no finances and in case an application for an injunction is refused there is no way for the attorney to collect his fees according to law.

Awaiting your advice, upon the matters herein referred to.

Yours very truly,

(Signed.) WM. WARNER,

District Mine Inspector,

Welch, W. Va.

DEPARTMENT OF MINES.

STATE OF WEST VIRGINIA.

WELCH, W. VA., Jan. 12th, 1907.

MR. J. W. PAUL,

Chief Mine Inspector,

Charleston, W. Va.

DEAR SIR:—

As per your request, I hereby send you a list of the names of the witnesses in the Pawama injunction case, which are as follows:

Mr. J. H. Parrott, General Manager and part owner,

Mr. J. C. Strass, Superintendent,

Mr. J. W. Young, Mine Boss,

Mr. John Strother, Inspector for the Pocahontas people,

Mr. T. O. Deamer, Mining engineer in the employ of Mr. Parrott, at one of his mines on Crane Creek.

Mr. John B. Neal, another Mining Engineer, not sure of whose employ, but I believe in the employ also of the Pocahontas people.

Mr. Lum Issaics, a coal miner in Pawama mine.

Mr. A. L. Watkins, also a coal miner in Pawama Mine.

Attached find letter from Mr. Henry, court stenographer. You will note that the cost of \$34.80 would only include the oral testimony, and Mr. Henry is under the impression that I was furnished with a copy of the affidavits of each of the Company's witnesses.

At the time of the hearing I was of the opinion that when the court permitted the Company's side of the case to be presented by affidavits that I, or my attorney, should have been furnished a copy of the same.

We were permitted to read said affidavits in court during the hearing, but that gave us no time to prepare our case against it.

The following is a synopsis of the evidence, as near as I can recall, which is quite correct:

I was first on the witness stand and made out my side of the case clearly, according to my regular monthly report forwarded to you.

In addition I explained matters of interest to the court, viz.: a description of the furnace, and measured upon the map, with a rule, the distances of the entries, which was over 8000 feet, for the purpose of showing that it was futile to attempt to ventilate such a large territory with such a rude furnace.

Mr. Parrott, in his affidavit sworn to, asserted that he had examined over 50 mines in this State and Pennsylvania and that the Pawama Mine contained superior ventilation than any mine he ever visited.

That he was General Manager of a number of Companies and that it was always the object of his life to have the very best conditions for his

employees, etc. Upon cross examination, he admitted that he had not been in the Pawama Mine for months previous to this time, and that he had never in his life ever handled an anemometer. Also admitted that he rarely entered his mines.

Mr. Strass, Supt., by affidavit, swore that ventilation and drainage were pure, and that the ventilation was much in excess of what the law required, and along in that strain. Upon cross examination, he admitted that he did not write his own evidence of his affidavit, and had not read it before signing it. And denied all of the admissions that I had testified to his having made to me at the time of my inspection.

Mr. Young, the Mine Boss, by affidavit, swore about practically the same as the Supt., also that he was present with me throughout the inspection and that I only pretended to measure the air (notwithstanding that I had repeatedly offered him the anemometer) to try for himself.

His affidavit was so absurd that my counsel and I agreed not to call him for cross examination.

Mr. Strother, Mine Inspector (for Pocahontas people), by affidavit, swore that he had found much more ventilation than the law required, and gave large figures as the amount of air found everywhere throughout the mine.

On cross examination he corroborated his affidavit and admitted that he had never inspected said mine prior to the time said injunction had been applied for, and that he had inspected said mine by orders of his chief engineer.

Mr. Deamer and Neal, mining engineers, by affidavits, testified to practically the same, giving the same figures exactly as the large volume of air found everywhere throughout the mine, and concluded by stating that, "upon returning to the furnace they were surprised to find that the fire in said furnace was out."

We did not call the two miners to the stand for cross examination. Their affidavits stated that they enjoyed good health, much better since employed at the Pawama mine than at any mine they had ever been employed at, and that said mine had better ventilation by far than any mine they had ever worked in. These same miners, at the time of my inspection, worked only a short distance from the pit mouth through the first door straight ahead from the pit mouth opening.

Yours very truly,

(Signed.) WM. WARNER.

Mine Inspector 7th District.

RULINGS AND OPINIONS.

DEPARTMENT OF MINES,

STATE OF WEST VIRGINIA.

CHARLESTON, Dec. 17, 1906.

To the District Mine Inspectors,

West Virginia:

I have had a conference with the Attorney General's office in regard to whether a Mine Inspector may appear before a court in the capacity

of an attorney in an effort to obtain a restraining order from a court, without being represented by a licensed attorney at law, and I am advised that the latter part of section 12, chapter 50, Acts 1887, contemplates the services of an attorney at law in such cases.

If you find a mine being conducted in violation of law to such an extent that the health and lives of the employes are in danger, and if in your judgment you have reason to believe that imminent danger to life or injury to health may ensue by reason of conditions that cannot be remedied immediately, then, if the violation and dangers are such as to be apparent to intelligent and honest men, it would be your duty to immediately apply for an injunction, and a failure to obtain an injunction under such circumstances should not deter you in dealing with other similar conditions.

At a mine where there is danger to health or life, through violations of the law, and if in your judgment it would be safe to operate the mine a reasonable length of time until certain dangerous conditions could be remedied, it would be a reasonable procedure to notify in writing the operator or agent of the mine requesting that you be given some assurance that the matter complained of will be given the attention within the time stated in your letter, and if for reasons which you can establish you believe the operator or agent shows no disposition to remedy the dangers, then you should make application for a restraining order.

For violations of the mandatory, other than as noted above, law, on the part of the operators, agents or employes, you should report such violations to the Prosecuting Attorney of the County and render such services as possible in bringing the matter before the Grand Jury.

For your information and guidance the following are furnished, that you may have the benefit of the opinion of the Attorney General upon certain features of the Mining Laws.

Very respectfully,

JAS. W. PAUL,

Chief Mine Inspector.

OPINION OF ATTORNEY GENERAL.

CHARLESTON, NOV. 20, 1906.

HON. C. W. MAY,

Attorney General,

Charleston, W. Va.

DEAR SIR:—

A question concerning the enforcement of law confronts this Department, upon which your advice is solicited.

Sec. 2, Chapter 46, Acts of 1905, says, in part, that the District Mine Inspector shall see that all the provisions of the Mining Statutes are strictly carried out.

Sec. 6 requires that two openings shall be provided at all mines.

Section 12 provides that a restraining order shall be applied for where the Inspector deems it necessary for the protection of the lives and health of the employes.

Sec. 6 restricts the number of men to be employed to 20 where a second

opening is not provided, and then only for the purpose of making the second opening.

The question, is, First.—at a mine where there is no apparent and immediate danger and where more than 20 men are employed, and there is but one opening to the mine, shall the Inspector proceed by injunction to have a compliance relative to a second opening in order to fulfill his duty as outlined in Sec. 2, as noted above, particularly at such mines where more than 20 men are employed for the extraction of coal and not for the purpose of making the second opening, as required in Sec. 6 of the Mine Law.

Second,—at a mine where more than twenty men are employed, and there is but one opening to the mine, where explosive gas is generated in the mine, or where by reason of lack of ventilation the health and safety of the employes are in danger, shall the Inspector proceed under Sec. 12 to restrain the further operation of the mine, or should information to be given by the Inspector to the Grand Jury direct or to the Prosecuting Attorney.

An opinion covering the above matters will be much appreciated.

Yours very truly,

(Signed.) JAS. W. PAUL,

Chief Mine Inspector.

CHARLESTON, W. VA., Dec. 7, 1906.

MR. JAMES W. PAUL,

Chief Mine Inspector.

City.

DEAR SIR:—

Replying to your letter of Nov. 20, 1906, wherein you submit for my consideration certain statements of facts regarding two certain mines, and ask for my opinion on the law as to what in each particular instance is the duty of the Mine Inspector thereon; and how, according to the facts stated, it would be proper for him to proceed against the owners or operators of said mines, if not complying with the law.

According to your letter the important facts concerning the first mine are that:

1st. "There is but one opening to the mine;"

2nd. "There are more than twenty men working in said mine, and they are employed for the extraction of coal and not for the purpose of making a second opening;"

3rd. "There is no apparent or immediate danger in said mine."

This statement of facts shows that the operator or agent of said coal mine is not complying with the provisions of Sec. 6 of the Acts of 1887, ch. 50, which is Sec. 405 of the Code of 1905, and which provides:

"It shall be unlawful for the operator or agent of any coal mine to employ any persons that work in said mine, or permit any persons to be in said mine for the purpose of working therein, unless they are in communication with at least two openings or outlets, separated by natural strata, of not less than 100 feet in breadth if the mine be worked by shaft, and of not less than 50 feet in breadth if worked by slope or drift."

Said section 6 goes on further to provide, in reference to said outlets, setting out in detail several things that must be done in connection therewith for the escape of the employes in case of emergency or accident. And referring to said openings or outlets in the same section, two exceptions are mentioned:

First.—“To any mine while work is being prosecuted with reasonable diligence in making communication between said outlets, so long as not more than twenty persons are employed at any one time.”

Second.—“To any mine, or part of mine, in which the second outlet has been rendered unavailable by reason of the final robbing of pillars preparatory to abandonment, so long as not more than twenty persons are employed therein at any one time.”

By the statement of facts set forth by you this said mine does not come within either one of said exceptions.

Section 12 of ch. 50 of the Acts of 1887 provides that:

“If any Inspector shall discover any mine that does not in its appliances, for the safety of the persons employed therein, conform to the provisions of this Act, or that by reason of any defect or practice in or at such mine, the lives or health of persons employed therein are in danger, he shall immediately, in writing, notify such operator or agent thereof, stating in such notice the particulars in which he considers such mine to be defective or dangerous.”

Said section goes on further to provide that:

“If he (the Inspector) deem it necessary, for the protection of the lives or health of the persons employed in such mine, he shall, after having given notice to said operator or agent of his intention so to do, apply without bond to the Circuit Court of the county in which said mine is located, or to the Judge thereof in vacation, for an injunction to restrain the operating of said mine until said danger is removed.”

I am of the opinion that by reason of the “defect or practice” in or at such “mine”, namely, a failure to have two openings or outlets as the law plainly provides is proper ground to ask for an injunction, as provided in section 12. But as your letter states that at this time “there is no apparent or immediate danger in said mine”, I believe it would come within the spirit and intent of this law for the Inspector to notify, immediately, in writing, such operator or agent, stating in his notice the “particulars” in which he considers such mine to be defective or dangerous, and calling upon him to forthwith place said mine in conformity with the legal requirements; that said operator or agent be required to promise forthwith to comply with the law; and that if he fails within a reasonable time to do so, he will be enjoined and compelled to comply.

Your second statement of facts regarding the second mine is the same as the first, except in addition thereto “explosive gas is generated in said mine, where, by reason of lack of ventilation, the health and safety of the employes are in danger”.

As to this particular case the Inspector should not hesitate, but as the law provides in said Sec. 12, he should forthwith give notice to said operator or agent of his intention to apply for an injunction (which, as the law provides, he can do) to the Circuit Court of the county, if in session, and if not in session to the Judge thereof in vacation.

In the case of this mine where there is no doubt but that, under the law, as provided for in Sec. 10 of said chapter, said operator or company operating said mine, could be proceeded against by indictment; but as there may not be any grand jury in that county for some time to come, it would not be advisable to wait as it is a matter too important to be postponed.

Should it be necessary at any time to proceed against any person or company by way of an indictment for a violation of the mining law, I would suggest that the Inspector call the attention of the Prosecuting Attorney of the county, where the mine is, to the matter. And that he give to the Prosecuting Attorney the names of all necessary witnesses to go before the grand jury. However, he may at any term of a Circuit or Criminal Court, without first consulting the Prosecuting Attorney, go himself before the grand jury and give evidence of the violation of the mining laws of the State, and he can also have Clerks issue and sheriffs serve subpoenas for as many other persons as he deems necessary witnesses. Also, he can call the attention of the Judge to any violation of said laws and ask him to charge the grand jury to investigate the same.

Very respectfully,

(Signed.) C. W. MAY,
Attorney General,
By D. E. M.
Ass't.

OPINION OF ATTORNEY GENERAL.

The following is in reply to a request for a ruling on the "Citizenship of Mine Foreman" as required by the mining law:

CHARLESTON, W. VA., June 11, 1907.

HON. J. W. PAUL,
Chief, Department of Mines,
City.

DEAR SIR:—

Replying to your letter of the 5th inst., will say that it is true that Sec. 15 of Ch. 78, Acts of Legislature, 1907, provides, among other things, speaking of the qualifications of mine foremen. "He shall be a citizen of this State," etc. As to this provision, namely, his "citizenship" I take it that this provision is mandatory and must be followed.

You mention the case of a mine foreman now in this State who is, however, a resident of Pennsylvania; and if there is any question about his not complying with the law, you ask me to state, if in my opinion, by his moving into the State and declaring his intention to become a citizen of West Virginia the same would qualify him to continue as mine foreman. In answer to your enquiry I will state that I am of the opinion that his so moving and declaring himself would make him qualified to serve.

Very respectfully,

C. W. MAY,
Attorney General.

PRODUCTION OF COAL AND COKE.

From the 788 producing mines operated by 385 firms, together with the small country mines, the coal produced during the fiscal year 1907 was 40,040,311 gross tons, an increase over the previous year of 2,636,837 tons.

The coke manufactured was 3,828,649 net tons, an increase of 294,335 tons over the previous year.

The total gross revenue obtained from the coal and coke summarizes as follows:

Total value of coal produced	\$42,042,316.55
Less value of coal used for steam at the mines	\$ 627,719.40
Less value of coal used in coke ovens	5,839,581.30
	6,467,300.70
Total value of coal sold	\$35,575,025.85
Total value of coke produced	8,767,606.21
Total gross value of product placed on the market	\$44,342,632.06

From the foregoing it is found that the increased values over the previous year were: Coal, \$5,012,837.29; and coke, \$1,911,037.05.

The coal produced was disposed of in the following manner:

	(Tons of 2,240 lbs.)
Used in operating the mine	597,828
Furnished local trade and tenants	418,390
Used in the coke ovens	5,561,506
Shipped from the mines	33,462,587
Total	40,040,311

The above tonnage, compared with the previous year, originated in the several Geographical Districts, as follows:

Districts	1907	1906	Changes	
Potomac	1,883,933	1,826,784	I	57,149
Monongahela	10,176,636	9,296,456	I	880,180
Wheeling	1,302,054	944,698	I	357,356
Interior	93,592	.....	I	93,592
Kanawha-New River	13,637,951	13,242,177	I	395,774
Norfolk & Western	12,766,145	11,913,359	I	852,786
Small mines in State	180,000	180,000	..	.....
Totals	40,040,311	37,403,474	I	2,636,837

MACHINE MINED COAL.

The quantity of coal mined by the use of machines was 14,549,183 tons which is 36.34 per cent. of the total coal production of the State and 1,215,581 tons in excess of the machine mined coal during the year 1906.

There were 1,508 machines in use at 360 mines and furnished employment to 12,248 persons.

The following tabulation exhibits the growth of machine mining since 1897:

PROGRESS OF MACHINE MINED COAL, 1897 TO 1907, INCLUSIVE.
(Tons of 2,240 lbs.)

YEAR	No. of Mines using Machines	No. of Machines in use	Total employees incident to Machines	Tons Produced by Machines	Percentage of Coal to Total Coal Production	Days Worked
1897.....	16	55	652	600,418	5.12	137
1898.....	28	96	933	1,070,293	7.4	214
1899.....	41	141	1,608	1,733,279	10.66	240
1900.....	63	241	2,371	2,537,611	13.43	261
1901.....	90	386	3,967	3,582,853	17.65	225
1902.....	124	534	4,813	5,135,823	21.98	249
1903.....	181	795	6,531	6,312,894	27.50	201
1904.....	248	988	8,395	8,317,692	30.82	209
1905.....	280	1,158	10,237	10,315,781	32.74	213
1906.....	301	1,267	10,855	13,333,602	35.65	231
1907.....	360	1,508	12,248	14,549,183	36.34	234
TOTALS.....		7,169	62,610	67,489,429		Avg. 225

Tons for 1907 per each employee.....	1,188
Tons per each employee per year (average for 11 years).....	1,078
Tons produced by each machine per year (average for 11 years).....	9,414
Average days worked per year (average for 11 years).....	225
Average tons produced by one machine per day (average for 11 years).....	41.8
Average tons produced by one machine per month of 26 days (average for 11 years).....	1,086.8

TONS OF PICK MINED COAL PRODUCED PER EACH PICK MINER.
IN COMMERCIAL COAL MINES, 1897 TO 1907, INCLUSIVE.

(Tons of 2,240 lbs.)

YEAR.	Pick Coal from Commercial Mines.	Pick coal from small country mines.	Pick Miners in commercial mines.	Pick Miners in small country mines.	Days worked.	Tons produced in commercial mine per pick miner.
1897.....	10,971,482	133,929	13,218	No rec'd	197	830.
1898.....	13,084,572	140,000	14,036	do	214	932.
1899.....	14,366,871	150,000	14,119	do	240	1,017.5
1900.....	16,199,200	150,000	14,723	do	261	1,100.
1901.....	16,533,138	175,000	16,000	do	225	995.
1902.....	18,043,260	180,000	15,969	do	249	1,129.8
1903.....	16,420,804	180,000	16,287	do	201	1,008.
1904.....	18,497,025	170,000	18,860	do	209	979.7
1905.....	21,007,248	180,000	19,602	do	213	1,071.7
1906.....	23,889,872	180,000	19,132	do	231	1,248.7
1907.....	25,311,128	180,000	19,287	do	234	1,312.
Totals.....	194,324,700	1,818,929	181,253		2474	

Average tons per year for each miner, (11 years).....1,072
Average time worked per year(11 years).....225 days.

ACREAGE MINED.

The total acreage of coal mined within the State, based upon returns made by the operators, and calculations of this office, since 1897, is presented in the following table:

1897	1,733.9	acres.
1898	2,184.6	"
1899	2,361.2	"
1900	2,638.8	"
1901	2,854.6	"
1902	3,353.	"
1903	3,222.3	"
1904	3,967.9	"
1905	4,691.8	"
1906	5,516.5	"
1907	5,779.7	"
<hr/>		
Total	38,304.3	"

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DAYS WORKED.

The mines in the State averaged 234 working days against 231 for the previous year.

TRANSPORTATION OF COAL AND COKE.

During the year the railroads within the State report having handled a total net tonnage of 34,353,073 tons of coal, and 3,820,041 tons of coke of which amounts there originated on the various lines 33,383,204 tons of coal and 3,363,870 tons of coke, while the coal operators report having shipped from the mines 37,478,097 net tons of coal. Between the tonnage originating on the railroads and that reported as shipped from the mines there is a difference of 4,094,893 net tons in excess of the tonnage reported by the railroads. This may be attributed to the railroads not having reported the fuel coal handled by the railroads, several of which failed to report the tonnage of West Virginia fuel consumed by the railroad.

KANAWHA RIVER SHIPMENT.

For the calendar year 1906 the tonnage of coal and coke floated down the Great Kanawha River amounted to:

Coal 1,186,300 and coke, 500 net tons; and for the six months ending June 30, 1907, coal 802,428 tons and no coke reported. This does not include the tonnage of fuel consumed by water craft and local river trade.

COKE OVENS AND COKE PRODUCTION.

At 126 coke plants there is reported a total of 18,941 ovens, of which number 12,739 were in active service for 257 days, there being 6,202 ovens reported not in use during the year.

In the manufacture of 3,828,649 net tons of coke there were used, 6,228,888 net tons of coal, furnishing employment to 4,809 persons.

The increase in the production of coke over the previous year was

294,335 tons at an increased valuation of \$1,911,037.05. The average price per ton of coke was \$2.29 an increase of 35 cents per ton during the year.

IMPROVEMENTS.

Many improvements made and much new construction was had during the year, including 36 new coal plants, 30 power plants, 77 coke ovens, 29 mine fans, 1 furnace, 56 tipples and 12 additional openings, at old mines. A detailed table of improvements appears on a subsequent page, to which special attention is directed, showing the improvements by counties.

CONSOLIDATIONS.

The consolidation of greatest importance in the operation of coal mines during the year was the bringing of the majority of the mines on Cabin Creek, Kanawha County, under the management and control of the Cabin Creek Consolidated Coal Company, which during the year had an output of 901,980 gross tons of coal.

The following 43 companies each produced over 200,000 gross tons of coal during the year:

Fairmont Coal Co.	4,164,337
The New River Co.	1,837,533
Davis Coal & Coke Co.	1,713,275
Pocahontas Consolidated Collieries Co.	1,487,417
United States Coal & Coke Co.	942,441
Cabin Creek consolidated Coal Co.	901,980
Sunday Creek Co.	755,283
Clarksburg Fuel Co.	668,073
New River & Pocahontas Consolidated Coal Co.	625,421
Boomer Coal & Coke Co.	591,124
Paint Creek Collieries Co.	577,235
Red Jacket Consolidated Coal & Coke Co.	503,611
New River Collieries Co.	501,099
McKell Coal & Coke Co.	496,168
Davis Colliery Co.	494,357
United States Coal & Oil Co.	429,718
Pittsburg & Fairmont Fuel Co.	415,093
Turkey Gap Coal & Coke Co.	377,358
American Coal Co.	374,629
Mill Creek Coal & Coke Co.	367,235
Thacker Coal & Coke Co.	348,255
Georges Creek Coal & Iron Co.	325,793
Elkins Coal & Coke Co.	317,035
Hitchman Coal & Coke Co.	316,845
War Eagle Coal Co.	306,996
Pulaski Iron Co.	282,051
Crozer Coal & Coke Co.	278,544
The Empire Coal & Coke Co.	273,133
Houston Coal & Coke Co.	269,568
Southern Coal & Transportation Co.	262,849
Loup Creek Colliery Co.	261,236
Ashland Coal & Coke Co.	260,141
Campbells Creek Coal Co.	239,667
McDowell Coal & Coke Co.	237,008
Winifrede Coal Co.	231,645
Raleigh Coal & Coke Co.	215,141
Merchants Coal Co.	214,723
Elkhorn Coal & Coke Co.	212,626

The Carver Brothers Co.	211,664
Kellys Creek Colliery Co.	210,201
The Virginia & Pittsburg Coal & Coke Co.	207,311
Upland Coal & Coke Co.	207,158
Lewis-Findley Coal Co.	200,000
Total	24,112,887

In addition to the foregoing there were 53 companies each of which produced over 100,000 and less than 200,000 tons, and 66 companies each of which produced between 50,000 and 100,000 tons.

MEN EMPLOYED.

During the year there were employed at the mines and coke ovens an average of 56,265 persons, an increase of 4,496 over the previous year. Of the total employes 19,287 were pick miners; 9,734 machine miners; 2,514 machine runners and helpers; 12,612 inside laborers; 4,809 coke workers; and 7,309 outside mine laborers. To count the mine foremen, superintendents, store managers and clerks employed at the mines it would be safe to add 2,000 persons to the total above, making the total employes directly connected with the operation of the mines 58,265.

WAGES.

The average price received by pick miners throughout the State per gross ton of run-of-mine coal was 49 cents, against 48 cents the previous year.

Each pick miner averaged a production of 1,312 tons during the year, being 63.3 tons more than the previous year.

The average yearly wages received per pick miner was \$643.05, an increase over the previous year of \$43.68.

MACHINE MINING PRICES.

The following table exhibits the average prices received for cutting and loading machine coal:

Machine miners paid per day	\$2.00
Machine miners paid per ton, run-of-mine in rooms .....	.31
Machine miners paid per ton, run-of-mine in headings .....	.36
Machine mines paid per ton, screened, in rooms .....	.56
Machine miners paid per ton, screened, in headings .....	.62
Machine runners paid per day	2.57
Machine runners paid per ton, run-of-mine, in rooms .....	.07
Machine runners paid per ton, run-of-mine, in headings .....	.09
Machine runners paid per foot in rooms .....	.06
Machine runners paid per ton, screened .....	.12

(The ton used in the above table is gross).

SELLING PRICES.

The average selling price at the mines of all coal shipped was \$1.05 per gross ton of run-of-mine, an increase of 6 cents per ton over the price received during the previous year.

Coke at the ovens sold on an average for the year at \$2.29 per ton of 2,000 lbs., an increase of 35 cents over the previous year.

STRIKES.

During the year there was no strike of importance wherein many employes were involved or the production of coal materially curtailed.

In all there were 4 mines in the State where there was a suspension of work by the employes, including 534 persons. At three of these mines a wage loss of \$20,250.00 was reported to the employes, and at two mines a loss of \$7,000.00 was reported to the operators.

ACCIDENTS.

During the year there were 356 lives lost by accident, of which number 324 were inside and 32 outside of the mines, and of the 324 inside there were 146 killed in six accidents.

A total of 448 non-fatalities occurred at the mines, of which 430 were inside and 18 outside of the mines.

From January 26th, 1907, to February 16th, 1907, inclusive, a total of 22 days, there were 124 lives lost in four explosions; 85 in one, 25 in another, 12 in the third and 2 in the fourth. Also on May 1st, 1907, an explosion killed 16 persons.

Briefly summarized the explosions in which two or more persons were killed are as follows:

July 2, 1906,	Keystone Mine, McDowell County, Gas	4 killed.
July 19, 1906,	Dixon-Pocahontas Mine, McDowell County, Gas.....	4 killed.
Dec. 14, 1906,	Pulaski Mine, McDowell County, Powder (outside)....	6 killed.
Jan. 26, 1907,	Penco Mine, Upshur County, Powder and Dust.....	12 killed.
Jan. 29, 1907,	Stuart Mine, Fayette County, Gas and Dust	85 killed.
Feb. 4, 1907,	Thomas No. 25 Mine, Tucker County, Gas	25 killed.
Feb. 16, 1907,	Yuma Mine, Logan County, Blownout shot	2 killed.
Apr. 15, 1907,	Gillham Mine, McDowell County, Powder (outside)	5 killed.
May 1, 1907,	Whipple Mine, Fayette County, Gas	16 killed.

Total159 killed.

Had it not been for the unusual severity of explosions the death rate due to accidents would have been much below the normal fatality ratio.

Each of the accidents, above listed, is fully described in another part of this report, and special attention is directed to the circumstances under which these horrible calamities occurred.

The principal agent of destruction, in most of these explosions, was gas together with powder and dust.

Lack of competency and discipline is largely responsible for a number of the explosions, and carelessness in many instances is responsible for many fatalities.

For the third time in the history of mining in this State the number killed by explosions exceeds that of persons killed by falls of roof.

During the year 1907 the causes and lives lost *inside* summarizes:

Killed by explosions, all forms	147
Killed by falls of roof	139
Killed by mine cars	20
Killed by other causes	18

Total.....324

Should a greater care be exercised to prevent accidents by falls of roof and by mine cars the list of fatalities would be much less.

The every-day fatality does not impress public sentiment to the same extent as explosions, although the number killed by falls and mine cars in the aggregate far outnumbers those killed by explosions.

Since 1897 there have been killed inside the mines of the State by falls of roof 928 persons; by mine cars 132 persons; by gas explosions 122 and by all other causes 417 persons, still but little is heard in advocacy of remedies to prevent fatalities from falls of roof and from mine cars.

As to the length of experience of persons killed and injured, for the past seven years from 1901 to 1907, inclusive, there were injured and killed the following number of persons:

Having a mine experience of 1 year or less	909 persons.
2 to 5 years	892 "
6 to 10 years	366 "
11 to 25 years	241 "
26 to 50 years	48 "
Many years	148 "
Unknown	613 "

Total..... 3,217 "

The Department has no record of the percentage of persons employed, with their terms of experience but the table above is ample proof that a greater number having a year or less experience suffers the greatest loss.

Since 1883 the average lives lost inside for every 1,000 persons employed inside the mines has been 4.53.

During the year 1900 the ratio per each 1,000 was 6.09 but for the past year the ratio was 7.34.

ELECTROCUTIONS.

During the year five lives were lost by electrocution. From 1899 to 1907, inclusive, there have been 17 lives lost by electrocution within the mines.

FATAL ACCIDENTS INSIDE, THEIR CAUSES, SINCE 1897.

CAUSES.	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	Totals
Falls of roof...	47	67	64	61	76	79	96	95	105	99	139	928
Mine cars.	6	6	7	11	11	13	12	12	18	16	20	132
Gas explosions.....	1	1	.....	50	10	.....	24	3	1	4	29	122
All other causes	7	2	8	11	24	18	15	13	52	131	136	417
TOTALS ...	60	76	79	133	121	110	147	123	176	250	324	1,699

SUMMARY OF ACCIDENTS INSIDE THE MINES, 1907-1906.

(I, means increase; D, decrease.)

	1907	1906	Changes.
Number of employes inside	44,147	40,865	3,282 I
Number of days mines were operated	234	231	3 I
Number of persons killed inside	324	250	74 I
Number of days' work accomplished	10,330,398	9,439,815	890,583 I
Number killed per 1000 employes inside	7.34	6.11	1.23 I
Number killed per 1000 days' work inside .....	.0313	.0264	.0049 I
Number injured non-fatally inside	430	270	160 I
Number injured per 1000 employes inside	9.739	6.606	3.133 I
Number injured per 1000 days' work inside .....	.0416	.0286	.0130 I
Number of inside employes for each fatality inside	136	163	27 D

TONNAGE PER FATALITY.

Since 1883 the average tons of coal produced per each fatality have been 166,982. During 1907 the tonnage per fatality was 123,026.

At those mines where fatal accidents occurred there was an average of one life lost for each 42,705 tons of coal produced.

The total of 324 lives lost inside occurred at 131 mines employing 13,843 persons and producing 13,836,562 gross tons of coal, while at all other mines there were produced 26,203,749 tons without the loss of a single life inside of the mines.

DISTRICT INSPECTORS' REPORTS.

Elsewhere in this report will be found the annual reports of the district mine inspectors upon the condition of the mines in their respective districts.

There is no written report covering the Fifth District for the reason that the Inspector of that District resigned on May 31st, 1907, and up to the 30th of June, 1907, no additional inspections were made of the mines in the district. However, the mines in the district are reported upon in tabulated form, the condition being given as reported upon by the retiring inspector, John I. Absalom, from the monthly reports made by him to the Department.

The writer desires, in conclusion, to express his appreciation of the confidence reposed in him by your Excellency in his conduct of the affairs pertaining to this Department.

Respectfully submitted,

JAMES W. PAUL,

Chief of Department of Mines.

Charleston, W. Va., December 24, 1907.

STATISTICAL.

Coal Tonnage of Several of the Leading Coal Producing States for the Calendar Year 1906.

(Figures taken from United Geological Survey's Report on Coal for 1906.)

Rank	(Tons of 2,000 lbs.)	
1. Pennsylvania	{	Bituminous 129,293,206
		Anthracite 71,282,411
2. West Virginia		43,290,350
3. Illinois		41,480,104
4. Ohio		27,731,640
5. Alabama		13,107,963
6. Indiana		12,092,560
7. Colorado		10,111,218
8. Kentucky		9,653,647
9. Iowa		7,266,224
10. Tennessee		6,259,275
11. Wyoming		6,133,994
12. Kansas		6,024,775
13. Maryland		5,435,453
14. Virginia		4,254,879
Total		393,417,699
Total all other States		20,739,579
Total for United States		414,157,278

West Virginia for year ending June 30th, 1907 (Report of Department of Mines of W. Va.) 44,845,148

THE FOLLOWING TABLE EXHIBITS A COMPARATIVE STATEMENT AND SUMMARY OF THE ANNUAL REPORTS
FOR 1907 AND 1906.

	For year ending June 30th, 1907.	For year ending June 30th, 1906.	Increase of 1907 over 1906.	Decrease of 1907 under 1906.
Number of counties in which coal is mined on a commercial scale.....	32	29	3	.....
Number of firms operating coal mines on a commercial scale.....	385	373	12	.....
Number of openings of all kinds subject to the mining law.....	788	750	38	.....
Number of tons (2,240 lbs.) of pick mined coal from commercial mines.....	25,311,128	23,889,872	1,421,256	.....
Number of tons (2,240 lbs.) of machine mined coal from commercial mines.....				
Total number of tons (2,240 lbs.) of coal from commercial mines.....	14,549,183	13,333,602	1,215,581	.....
Estimated tons of coal from small mines (tons of 2,240 lbs.).....	39,860,311	37,223,474	2,636,837	.....
Total number of tons of coal from all mines (2,240 lbs.).....	180,000	180,000	.....	.....
Number of tons of coal converted into coke (2,000 lbs.).....	40,040,311	37,403,474	2,636,837	.....
Number of tons of coke manufactured (2,000 lbs.).....	6,228,888	5,700,385	528,503	.....
Total value of coal at the mines.....	3,828,649	3,534,314	294,335	.....
Total value of coke at the ovens.....	42,042,326.55	37,029,439.56	5,012,887.29	.....
Value of a ton of coal at the mines (2,240 lbs.).....	1.05	1.99	.....	.....
Value of a ton of coke at the ovens (2,000 lbs.).....	2.29	1.94	.....	.....
Number of mining machines in use.....	1,508	1,267	241	.....
Average number of coke ovens in use.....	12,739	11,153	1,586	.....
Number of days the mines were in operation.....	234	231	3	.....
Number of days the ovens were in operation.....	257	254	3	.....
Number of pick miners employed in commercial mines.....	19,287	19,132	155	.....
Number of machine operators and miners employed in commercial coal mines.....				
Number of underground laborers in commercial coal mines.....	12,248	10,855	1,393	.....
Number of outside employes connected with the commercial coal mines.....	12,612	10,878	1,734	.....
Number of coke employes.....	7,309	6,531	778	.....
Total number of men employed at the commercial mines and ovens.....	4,809	4,373	436	.....
Number of men killed.....	56,265	51,769	4,496	.....
Number of men injured non-fatally.....	356	268	88	.....
Number of men employed for each man killed.....	448	299	149	.....
Number of men employed for each man injured.....	158	193	35	.....
Tons of coal mined in commercial mines for each fatality.....	126	173	47	.....
Tons of coal mined in commercial mines for each non-fatality.....	111,967	138,893	26,926	.....
Number of wives left widows.....	88,980	124,493	35,513	.....
Number of children left fatherless.....	155	107	48	.....
Acres of coal worked out.....	285	216	69	.....
Number of tons of coal produced in commercial mines per miner, pick and machine miners and runners included.....	5,779.72	5,516.54	263.18	.....
Average earnings of each miner per year.....	1,264	1,241	23	.....
Average earnings of each miner per month.....	643.05	599.37	43.68	.....
Average price per ton of 2,240 lbs. for mining run-of-mine coal (cents).....	53.59	49.36	3.64	.....
	49	48	1	.....

**TABLE SHOWING PRODUCTION OF COAL AND COKE FOR THE
YEARS 1883 TO 1907, INCLUSIVE.**

*Years	Coal (Tons of 2,240 lbs)	Coke (Tons of 2,000 lbs)	Years	Coal (Tons of 2,240 lbs.)	Coke (Tons of 2,000 lbs)	Years	Coal (Tons of 2,240 lbs.)	Coke (Tons of 2,000 lbs.)
1883.....	2,805,565	190,889	1893....	9,758,991	1,090,909	1903....	22,913,698	2,483,376
1884.....	3,000,000	182,000	1894....	9,427,028	1,067,156	1904....	26,984,715	2,276,451
1885.....	3,008,091	187,619	1895....	9,878,099	1,204,657	1905....	31,503,029	2,738,777
1886.....	3,213,093	228,623	1896....	12,062,468	1,594,691	1906....	37,403,474	3,534,314
1887.....	4,207,039	481,477	1897....	11,705,829	1,374,497	1907....	40,040,311	3,828,649
1888.....	4,799,611	517,317	1898....	14,294,865	1,742,256	.....	.....	.....
1889.....	4,663,857	390,716	1899....	16,250,150	1,950,179	.....	.....	.....
1890.....	5,643,945	892,490	1900....	18,886,911	2,496,107	.....	.....	.....
1891.....	7,281,427	1,208,418	1901....	20,290,991	1,932,912	.....	.....	.....
1892.....	7,777,570	1,333,439	1902....	23,359,083	2,249,744	.....	.....	.....

*Calendar years 1883 to 1887 inclusive. Since 1887 the coal and coke statistics have been given for the fiscal years ending June 30th.

**TABLE SHOWING THE COKE PRODUCTION, BY COUNTIES, FROM
1897 TO 1901, INCLUSIVE.**

(Tons of 2 000 lbs)

COUNTIES.	1897	1898	1899	1900	1901
Barbour.....	.....	1,350	5,980	12,579	12,666
Fayette.....	329,089	394,052	454,999	481,699	442,411
Harrison.....	.....	5,419	5,871	15,994	5,190
Kanawha.....	20,132	21,578	10,983	32,665	30,722
Marion.....	142,043	149,060	155,985	298,119	118,285
McDowell.....	567,070	731,681	923,166	1,070,633	953,702
Mercer.....	115,522	149,061	192,932	207,277	167,769
Monongalia.....	2,778	12,337	5,204	17,077	5,777
Preston.....	19,567	28,450	34,023	46,250	6,500
Raleigh.....	18,454	20,007	20,398	15,460	.....
Randolph.....	.....	.....	.....	3,223	13,498
Tucker.....	159,842	229,261	140,638	295,731	176,392
Totals.....	1,374,497	1,742,256	1,950,179	2,496,107	1,932,912

**TABLE SHOWING THE COKE PRODUCTION, BY COUNTIES, FROM
1902 TO 1907, INCLUSIVE.**

(Tons of 2,000 lbs)

COUNTIES	1902	1903	1904	1905	1906	1907
Barbour.....	15,682	20,991	19,128	11,967	17,643	34,030
Fayette.....	515,398	437,090	434,919	430,163	614,428	615,577
Harrison.....	16,572	62,382	621	.....	768	22,390
Kanawha.....	29,722	25,789	9,547	19,993	31,527	18,287
Marion.....	210,451	282,924	102,416	127,850	171,621	233,700
McDowell.....	929,433	1,016,988	1,170,200	1,380,805	1,699,426	1,744,819
Mercer.....	175,083	167,567	190,132	267,697	318,357	313,117
Monongalia.....	19,948	30,509	22,999	42,802	58,264	113,031
Preston.....	18,930	34,627	27,611	79,757	142,236	222,846
Raleigh.....	.....	.....	.....	.....	.....	.....
Randolph.....	58,845	120,387	77,077	146,243	231,616	244,054
Tucker.....	279,680	284,122	221,801	231,500	253,492	262,951
Taylor.....	.....	.....	.....	.....	.....	1,747
Upshur.....	.....	.....	.....	.....	.....	2,100
Totals.....	2,249,744	2,483,376	2,276,451	2,738,777	3,534,314	3,828,649

TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1888 TO 1897, INCLUSIVE.

(Tons of 2,240 lbs.)

COUNTIES.	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897
Barbour.....	17,108	19,203	32,837	33,999	35,046	29,375	7,736	50,013	49,623	31,658
Brooke.....	1,522,450	989,276	1,202,355	1,737,617	1,564,579	2,350,250	82,445	2,162,090	3,223,547	42,198
Fayette.....							1,195,102			2,993,061
Hancock.....	113,030	111,440	128,964	113,268	142,900	248,069	275,297	294,442	155,772	33,838
Harrison.....	982,310	976,396	1,021,386	1,209,386	1,175,371	1,210,749	1,143,626	1,078,253	1,088,737	221,249
Kanawha.....							52,673	40,610		1,042,745
Logan.....	23,675	245,869	403,900	722,504	903,896	958,296	1,186,542	1,198,336	1,219,017	1,568,682
Marion.....	39,172	84,006	110,418	118,242	106,863	110,550	84,037	157,702	148,128	162,866
Marshall.....	85,870	126,797	129,744	116,598	123,324	141,101	92,764	171,074	101,448	111,535
Mason.....		245,760	504,222	704,871	1,100,882	1,876,838	2,340,581	2,440,551	2,896,073	2,617,917
McDowell.....	702,645	744,803	744,403	1,210,723	1,175,141	1,196,574	886,942	805,379	1,308,417	873,300
Mercer.....	408,618	433,365	512,217	623,067	473,862	557,488	489,808	614,780	554,492	557,169
Mineral.....								95,279	111,800	257,789
Ningo.....		6,850	28,000	46,100	70,062	97,905	62,125	47,673	52,080	31,288
Monongalia.....	137,678	159,664	92,487	80,738	82,534	48,681	49,821	88,691	52,106	95,578
Ohio.....	147,240	134,925	159,320	134,467	82,080	105,618	39,926	52,385	116,361	120,211
Putnam.....	135,100	107,325	183,184	156,836	154,962	197,733	148,474	122,037	101,555	131,522
Raleigh.....								84,762	89,279	63,701
Randolph.....						937				
Taylor.....	66,439	177,991	68,403	83,851	74,000	68,928	72,229	86,536	43,469	178,337
Tucker.....	48,256	79,647	219,087	189,050	339,320	538,950	418,805	316,345	523,624	647,666
Wayne.....					55,920	21,839	40,720	21,101	2,000	
Small Mines.....									125,000	133,929
Totals.....	4,799,611	4,663,837	5,643,946	7,281,427	7,777,570	9,758,991	9,427,028	9,878,099	12,062,468	11,705,829

TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1898 TO 1907, INCLUSIVE.

(Tons of 2,240 lbs.)

COUNTIES.	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
Barbour.....	48,600	63,275	73,041	226,047	384,768	525,924	690,897	556,158	638,253	776,245
Brooke.....	56,793	63,176	61,396	65,904	55,857	24,266	37,804	183,803	378,312	526,997
Braxton.....										55,774
Clay.....								60,455	16,087	60,252
Fayette.....	3,990,266	4,446,469	4,547,002	5,375,702	5,724,882	4,075,324	5,650,277	6,738,343	7,625,839	7,277,297
Grant.....						28,489	113,969	167,653	228,837	271,542
Gilmer.....										31,312
Greenbrier.....										31,378
Hancock.....	42,870	39,440	47,013	30,357	38,685	70,495	69,700	58,029	53,557	78,280
Harrison.....	271,554	413,150	647,430	1,088,715	1,662,144	2,108,336	2,445,202	2,560,905	3,030,737	3,343,319
Kanawha.....	1,213,116	1,293,068	1,456,890	1,727,115	1,863,386	1,878,752	2,792,078	3,126,638	4,086,102	4,626,101
Lincoln.....					12,053	53,330	31,744	7,695	15,801	17,589
Lewis.....										5,528
Logan.....	1,639,625	2,362,983	2,925,907	2,674,553	3,172,194	2,608,914	2,785,350	3,251,989	3,629,805	3,619,704
Marion.....	185,874	223,800	242,176	199,653	201,179	279,276	345,273	360,666	411,061	560,427
Marshall.....										93,211
Mason.....	109,204	106,867	85,367	98,427	113,527	102,282	89,009	77,846	108,420	8,123,609
McDowell.....	3,183,529	3,516,668	4,142,102	4,219,251	4,734,199	5,249,913	5,524,376	6,810,730	7,806,524	8,123,609
Mercer.....	1,004,379	1,144,258	1,046,937	1,052,153	1,104,523	1,274,003	1,274,070	1,738,530	2,023,460	2,009,522
Mingo.....	510,757	554,286	562,667	513,772	552,181	514,582	467,613	505,171	540,147	607,172
Monongalia.....	383,280	350,294	406,095	501,410	635,113	864,464	1,153,013	1,375,233	1,719,233	1,867,100
Mt. Vernon.....	68,867	56,793	82,148	75,589	130,371	148,071	194,540	178,752	196,074	292,596
Nicholas.....										57,412
Ohio.....	96,912	119,960	96,610	115,830	12,199	7,645	25,723	51,524	50,921	136,350
Preston.....	169,044	277,173	403,610	434,713	449,528	129,888	101,207	91,752	101,768	136,350
Putnam.....	128,851	164,004	203,449	125,321	439,713	574,741	689,139	631,122	827,772	1,079,692
Raleigh.....	79,315	93,370	68,360	102,089	208,112	178,904	235,914	310,570	405,341	401,413
Randolph.....		31,975	107,883	295,687	272,106	244,088	406,226	601,180	823,665	1,104,575
Taylor.....	190,532	249,103	376,030	383,223	415,502	388,487	356,531	416,834	569,443	609,388
Tucker.....	831,497	400,038	1,068,874	998,304	1,011,435	1,078,997	1,037,758	961,293	398,563	1,005,219
Upshur.....									5,809	39,502
Wayne.....									14,914	25,217
Small mines.....	140,000	150,000	150,000	175,000	180,000	180,000	170,000	180,000	180,000	180,000
Totals.....	14,294,865	16,250,150	18,886,911	20,290,991	23,359,083	22,913,698	26,984,715	31,503,029	37,403,474	40,040,311

ORDER IN THE PRODUCTION OF COAL, 1897—1907.

COUNTIES.	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
Fayette	1	1	1	1	1	1	2	1	2	2	2
McDowell	2	2	2	2	2	2	1	2	1	1	1
Marion	3	3	3	3	3	3	3	4	3	4	4
Kanawha	4	4	4	4	4	4	5	3	4	3	3
Mercer	5	5	5	6	6	6	6	6	6	6	6
Harrison	9	9	8	7	5	5	4	5	5	5	5
Tucker	6	6	7	5	7	7	7	8	8	8	10
Mingo	8	8	9	9	9	8	8	7	7	7	7
Mineral	7	7	6	8	8	9	11	11	12	13	14
Preston	13	11	10	10	10	10	9	10	10	9	9
Taylor	10	10	11	11	11	11	14	16	16	16	17
Marshall	11	12	12	12	13	16	13	14	14	15	15
Randolph				14	14	14	12	13	13	12	13
Barbour	19	19	17	18	12	12	10	9	11	11	11
Raleigh	16	16	16	19	17	13	15	12	9	10	8
Putnam	12	13	13	13	15	15	16	15	15	14	18
Ohio	15	15	14	15	16	17	18	19	21	22	21
Brooke	17	18	18	20	20	20	23	22	17	17	16
Mason	14	14	15	16	18	19	19	20	22	21	22
Grant							22	18	19	19	20
Logan									20	18	12
Monongalia	20	17	19	17	19	18	17	17	18	20	19
Hancock	18	20	20	21	21	21	20	21	24	24	23
Clay								25	23	23	24
Nicholas						22		24	25	25	25
Lincoln						23	21	23	27	26	30
Braxton											26
Wayne									26	27	29
Upshur										28	27
Greenbrier											28
Lewis											31
Gilmer											32

TABLE SHOWING THE COMPARATIVE STATEMENT OF THE COAL PRODUCTION FOR 1906 AND 1907.

(Tons of 2,240 lbs.)

COUNTY.	1907	1906	Increase of 1907 over 1906	Decrease of 1907 under 1906
Brooke	526,997	378,312	148,685	
Hancock	78,280	53,557	24,723	
Marion	3,619,764	3,629,805		10,041
Monongalia	292,596	196,074	96,522	
Marshall	560,427	411,061	149,366	
Ohio	136,350	101,768	34,582	
Barbour	776,245	638,253	137,992	
Gilmer	312		312	
Harrison	3,843,319	3,030,737	312,582	
Lewis	5,528		5,528	
Taylor	416,138	398,563	17,575	
Upshur	39,502	5,809	33,693	
Grant	271,542	228,837	42,705	
Mineral	607,172	540,147	67,025	
Preston	1,079,692	827,772	251,920	
Randolph	609,380	569,443	39,937	
Tucker	1,005,219	1,057,800		52,581
Braxton	55,774		55,774	
Clay	60,252	66,087		5,835
Fayette	7,277,297	7,625,839		348,542
Kanawha	4,626,101	4,086,102	539,999	
Mason	93,211	108,420		15,209
Nicholas	57,412	50,921	6,491	
Putnam	401,413	465,341		63,928
Greenbrier	31,978		31,978	
Raleigh	1,104,676	823,666	281,010	
Lincoln	17,589	15,801	1,788	
Logan	740,607	349,228	391,379	
Mingo	1,867,100	1,719,233	147,867	
Wayne	25,217	14,914	10,303	
McDowell	8,123,699	7,806,524	317,175	
Mercer	2,009,522	2,023,460		13,938
Totals	39,860,311	37,223,474	3,146,911	510,074
Small Mines	180,000	180,000		
Grand Totals	40,040,311	37,403,474	3,146,911	510,074

ORDER IN THE PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1907.

COUNTY.	No. of Mines Pro- ducing Coal.	Production of Coal (Tons of (2,240 lbs.))			Production of Coke (Tons of 2,000 lbs.)			Order in Production.	
		1st 6 Mos	2nd 6 Mos.	Total Coal Produced for Year.	1st 6 Mos.	2nd 6 Mos.	Total for the Year.	Coal.	Coke.
Brooke.....	6	253,765	273,252	526,997	.....	.....	.....	16	.....
Hancock.....	3	40,870	37,410	78,280	.....	.....	.....	23	.....
Marion.....	23	1,785,519	1,834,245	2,619,764	110,157	123,543	233,700	4	.....
Monongalia.....	6	131,953	160,643	292,596	51,103	61,928	113,031	19	8
Marshall.....	6	273,900	286,467	560,427	.....	.....	.....	15	.....
Ohio.....	9	55,330	81,020	136,350	.....	.....	.....	21	.....
Barbour.....	17	365,366	410,879	776,245	10,387	23,643	34,030	11	9
Gilmer.....	1	.....	.....	.....	.....	.....	.....	32	.....
Harrison.....	42	1,673,963	1,699,336	3,343,319	7,005	15,385	22,390	5	10
Lewis.....	1	357	5,171	5,528	.....	.....	.....	31	.....
Taylor.....	9	212,536	203,632	416,138	.....	1,747	1,747	17	13
Upshur.....	4	15,280	24,222	39,502	.....	2,100	2,100	27	12
Grant.....	2	130,479	141,063	271,542	.....	.....	.....	20	.....
Mineral.....	16	291,883	315,289	607,172	.....	.....	.....	14	.....
Preston.....	19	507,171	572,521	1,079,692	102,633	120,213	222,846	9	7
Randolph.....	6	292,089	317,291	609,380	115,800	128,254	244,054	13	5
Tucker.....	11	493,053	512,166	1,005,219	131,480	131,471	262,951	10	4
Braxton.....	2	19,147	36,637	55,774	.....	.....	.....	26	.....
Clay.....	4	26,834	33,438	60,252	.....	.....	.....	24	.....
Fayette.....	132	3,506,360	3,770,907	7,277,267	272,981	342,596	615,577	2	2
Kanawha.....	170	2,215,575	2,410,396	4,626,101	7,815	10,472	18,287	3	11
Mason.....	6	47,729	45,482	93,211	.....	.....	.....	22	.....
Nicholas.....	8	25,755	31,657	57,412	.....	.....	.....	23	.....
Putnam.....	10	196,020	205,363	401,413	.....	.....	.....	23	.....
Greenbrier.....	1	15,849	16,129	31,978	.....	.....	.....	18	.....
Raleigh.....	27	481,636	423,040	904,676	.....	.....	.....	28	.....
Lincoln.....	2	8,036	9,553	17,589	.....	.....	.....	8	.....
Logan.....	17	309,805	430,802	740,607	.....	.....	.....	30	.....
Mingo.....	42	917,277	949,823	1,867,100	.....	.....	.....	12	.....
Wayne.....	1	8,366	16,821	25,217	.....	.....	.....	7	.....
McDowell.....	87	3,920,254	4,203,445	8,123,699	775,023	969,796	1,744,819	29	.....
Mercer.....	24	375,362	1,034,110	2,009,522	146,727	166,390	313,117	1	3
Totals.....	674	19,197,639	20,662,672	39,860,311	1,731,111	2,097,528	3,828,649	.....	.....
Small mines.....	.....	90,000	.....	180,000	.....	.....	.....	.....	.....
Grand Totals.....	674	19,287,639	20,752,672	40,040,311	1,731,111	2,097,528	3,828,649	.....	.....

COUNTY.	Coal Production (Ton of 2,240 lbs.)			Distribution of Coal (Tons of 2,240 lbs.)			Production of Coke (Tons of 2,000 lbs.)			Acres of Coal Worked Out.
	1st 6 Mos.	2nd 6 Mos.	Total Coal Produced for Year.	Used in Operation of Mine.	Furnish'd Local Trade and Tenants.	Used in Coke Ovens.	Quantity Shipped From Mine.	1st 6 Mos.	2nd 6 Mos.	Total for the Year.
Brooke	253,765	273,232	526,997	5,459	14,446	.....	507,112	.....	.....	89.24
Hancock	40,870	37,410	78,280	1,018	9,294	.....	67,968	.....	.....	17.86
Marton	1,785,519	1,834,245	3,619,764	54,831	16,975	388,495	3,209,433	110,157	123,543	521.76
Monongalia	131,953	160,613	292,566	7,569	1,888	165,506	117,693	61,163	61,928	45.65
Maershall	273,960	286,467	560,427	6,384	16,509	.....	537,554	.....	.....	87.91
Ohio	55,330	81,029	136,359	1,092	31,811	.....	103,447	.....	.....	22.50
Barbour	365,366	410,879	776,245	14,261	5,462	46,115	712,407	10,387	53,613	112.61
Gilmer	.....	312	.....	.....	.....	.....	312	.....	.....	.....
Harrison	1,673,963	1,663,356	3,337,319	31,739	11,278	31,039	3,265,233	7,005	15,285	397.38
Lewis	.....	5,171	5,528	.....	.....	.....	5,528	.....	.....	1.00
Taylor	212,536	203,662	416,198	2,545	1,251	2,522	409,820	.....	1,747	45.14
Upshur	15,290	21,292	36,582	1,506	831	3,360	33,745	.....	2,100	7.77
Grant	130,479	141,063	271,542	11,282	710	.....	259,550	.....	.....	43.04
Mineral	291,883	315,289	607,172	1,359	4,053	.....	601,780	.....	.....	84.54
Preston	507,171	572,521	1,079,692	28,956	8,700	331,717	710,319	102,633	120,213	222.840
Randolph	292,089	317,291	609,380	6,995	2,272	320,362	279,751	115,800	128,554	244.054
Tucker	493,053	512,166	1,005,219	23,654	6,400	391,429	580,736	131,480	131,471	202.951
Braxton	19,147	36,627	55,774	613	458	.....	54,703	.....	.....	8.86
Clay	26,814	33,438	60,252	919	1,796	.....	57,577	.....	.....	11.81
Payette	3,505,390	3,770,907	7,276,297	123,463	75,547	922,501	6,155,786	272,981	342,556	983.57
Kanawha	2,215,575	2,410,326	4,625,901	56,256	52,816	25,964	4,400,065	7,815	10,472	785.74
Mason	47,729	45,482	93,211	1,366	22,480	.....	69,395	.....	.....	17.34
Nichols	25,755	31,657	57,412	1,814	1,882	.....	53,766	.....	.....	11.19
Putnam	196,020	205,363	401,413	4,901	5,693	.....	390,729	.....	.....	58.25
Greenbrier	15,849	16,129	31,978	573	.....	.....	31,605	.....	.....	6.66
Raleigh	481,636	623,010	1,104,646	20,506	16,317	1,067,773	1,067,773	.....	.....	209.42
Lancolin	8,035	9,553	17,589	556	.....	223	17,010	.....	.....	3.80
Logan	309,805	430,802	740,607	4,052	2,295	733,679	733,679	.....	.....	84.62
Mingo	917,277	949,823	1,867,100	26,517	22,807	.....	1,817,776	.....	.....	283.39
Wayne	8,396	16,821	25,217	.....	536	.....	24,681	.....	.....	6.00
McDowell	3,921,254	4,203,445	8,125,699	127,990	70,065	2,500,148	5,425,495	775,023	939,796	1,112.10
Mercer	975,382	1,034,140	2,009,522	21,362	15,623	475,518	1,489,189	146,727	166,380	303.42
Totals	19,197,639	20,632,672	39,830,311	597,828	418,390	5,561,506	33,282,587	1,731,111	2,007,538	5,779.72
Small mines	90,000	90,000	180,000	.....	.....	.....	180,000	.....	.....	.....
1907 Grand Totals	19,287,639	20,722,672	40,010,311	597,828	418,390	5,561,506	33,462,587	1,731,111	2,007,538	5,779.72
1906 Grand Totals	17,457,918	19,935,556	37,403,474	527,706	433,398	5,089,629	31,322,741	1,704,348	1,829,966	5,516.54
Changes	1,819,721	817,116	2,636,837	70,122	445,008	471,877	2,139,846	28,763	207,572	204,335

* Increase of 1907 over 1906.
 † 1 cc use of 1907 under 1906.

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE	Production of Coal (Tons of 2,240 lbs.)		Distribution of Coal (Tons of 2,240 lbs.)			Production of Coke (Tons of 2,000 lbs.)						
		1st 6 Mos.	2nd 6 Mos.	Total Coal Produced for year	Used in operation of mine.	Furnish- ed Local Trade and Tenants	Used in Coke Ovens.	Quan- tity Shipped from Mine	1st 6 Mos.	2nd 6 Mos.	Total for the year.		
<i>Brooke County.</i>													
A. Gilchrist & Sons' Coal Co.	Gilchrist	16,095	18,283	34,378	.....	9,432	.....	24,946	.....	.....	.....	.....
The La Belle Coal Co.	Lewis No. 1	20,319	20,656	40,975	.....	2,233	.....	38,742	.....	.....	.....	.....
Beech Bottom Coal Co.	Beech Bottom No. 1	37,830	35,786	73,616	.....	303	.....	73,313	.....	.....	.....	.....
Lewis-Flindley Coal Co.	Locust Grove	93,750	106,250	200,000	2,678	1,786	.....	195,536	.....	.....	.....	.....
La Belle Iron Works	La Belle Shaft	48,488	47,236	95,724	1,250	.....	.....	94,474	.....	.....	.....	.....
Rex Carbon Coal Co.	No. 1	37,283	45,021	82,304	1,511	.....	.....	80,101	.....	.....	.....	.....
Totals	.....	233,765	273,232	526,997	5,439	14,446	.....	507,112	.....	.....	.....	.....
<i>Hancock County.</i>													
M. M. Cullen	Porter No. 1	4,107	4,107	8,214	36	8,178	.....	.....	.....	.....	.....	.....
The Marquet Coal Co.	No. 4	26,942	23,839	50,781	982	1,116	.....	48,683	.....	.....	.....	.....
	No. 5	9,821	9,464	19,285	.....	.....	.....	19,285	.....	.....	.....	.....
Totals	.....	40,870	37,410	78,280	1,018	9,294	.....	67,968	.....	.....	.....	.....
<i>Marion County.</i>													
Fairmont Coal Co.	Murray	72,452	62,671	135,123	2,700	282	23,445	108,716	6,358	9,396	15,754	.....
	Montana	110,145	96,357	206,502	5,743	1,378	104,925	94,456	37,505	33,004	70,509	.....
	Shaft	113,063	128,620	241,713	7,851	1,239	.....	232,623	.....	.....	.....	.....
	New England	121,251	126,974	248,225	4,712	2,728	.....	240,785	.....	.....	.....	.....
	Gaston	82,869	92,320	175,189	2,693	188	.....	172,308	.....	.....	.....	.....
	Monongah Nos. 2, 3 & 5	111,646	121,206	232,912	2,110	3,244	41,710	227,558	9,547	20,968	30,515	.....
	Monongah No. 6	141,326	152,027	293,353	3,140	1,405	64,997	249,503	21,355	22,021	43,376	.....
	Monongah No. 8	172,894	161,173	334,067	3,175	.....	.....	264,490	.....	.....	.....	.....
	Penns.	70,057	69,049	139,106	600	621	.....	137,885	.....	.....	.....	.....
	Marion	7,646	2,173	9,819	.....	.....	.....	9,819	.....	.....	.....	.....
	Anderson	88,306	86,625	174,931	2,100	189	.....	172,832	.....	.....	.....	.....
	Highland	107,196	94,641	201,837	528	197	.....	201,112	.....	.....	.....	.....
	Middleton	68,073	87,716	155,789	300	66	.....	155,423	.....	.....	.....	.....
	Chileton	86,437	101,957	188,394	2,352	304	.....	185,768	.....	.....	.....	.....
	Hutchinson	25,904	26,995	52,899	2,280	245	.....	50,374	.....	.....	.....	.....
The Va. & Pitts. C. & O. Co.	King	105,017	102,294	207,311	600	2,000	33,359	171,382	11,309	13,287	24,596	.....
Georges Creek C. & I. Co.	Chatham No. 1	138,475	167,318	325,793	3,000	2,000	39,372	282,421	13,124	13,124	26,248	.....
Federal O. & O. Co.	Federal No. 1	59,792	66,548	126,340	6,628	854	30,717	98,141	10,959	11,743	22,702	.....
New Central Coal Co.	Stafford	62,107	64,251	126,358	4,299	805	.....	121,254	.....	.....	.....	.....

Kilarm Parker Run	18,753 2,080	15,812 7,458	34,565 9,538	1,050	250	33,265 9,538	123,543	233,700
Totals	1,785,519	1,834,245	3,619,764	54,831	16,975	3,209,463	110,137	
<i>Monongalia County.</i>								
Opekiska O. & O. Co.	16,970	12,605	29,575		365	18,740	3,460	6,622
Beachwood	36,382	37,004	73,386	360	140	55,060	2,591	11,979
Elkins O. & O. Co.	48,971	50,011	98,982	5,624	298	89,721	28,944	59,860
Sabraton	4,251	32,471	36,722			36,722		
Connellsville Basin Coke Co.	22,879	26,195	49,074	1,585		47,489	16,108	34,570
The Great Scott O. & O. Co.	2,500	2,357	4,857		1,085	3,772		
Totals	131,953	160,613	292,596	7,569	1,888	165,506	51,103	113,031
<i>Marshall County.</i>								
Hitchman	165,211	151,634	316,845	2,144	3,756	310,945		
Boggs Run M. & Mfg Co.	14,895	23,093	37,988	446	5,745			
Wheeling Steel & Iron Co.	36,991	51,642	88,633			88,633		
Glendale	24,013	38,319	62,332	1,786	1,907	58,639		
Clearfield & Ohio R. O. Co.	19,311	17,844	37,155	1,631	4,091	31,433		
Mound City Shaft	13,539	3,935	17,474	357	1,010	16,107		
Glen Easton								
Totals	273,960	286,467	560,427	6,364	16,509	537,554		
<i>Ohio County.</i>								
Jochum & Co.	1,071	1,071	2,142		2,142			
Richland Coal Co.	30,964	40,261	71,225		513	71,225		
The Elm Grove Coal Co.	1,521	9,941	11,462	781	* 7,042	10,168		
Reymann Brewing Co.	3,663	3,379	7,042					
Wheeling Steam Coal Co.	8,302	8,738	17,040			17,040		
La Belle Iron Works	1,560	3,652	5,212	198		5,014		
Whitaker-Glessner Co.	4,999	10,287	15,286		# 15,286			
J. S. Oreighton	1,197	1,637	2,834	113	2,721			
Peter Storch & Sons	2,053	2,054	4,107		4,107			
Totals	55,330	81,020	136,350	1,092	31,811	103,447		
<i>Barbour County.</i>								
Davis Colliery Co.	30,627	39,505	70,132	565	625	20,684	7,187	9,018
Philippi Collieries Co.	35,122	34,035	69,157	1,786	132	67,239	3,200	16,205
No. 1, 2, 3 and 4	4,285	10,635	14,820			14,820		11,100
No. 5								
Ardon	22,490	22,490	44,980	1,336	594	43,050		
Tygart's River Coal Co.	130,850	131,999	262,849	4,600	820	257,429		
Southern Coal & Trans. Co.	12,545	12,950	25,495			25,495		
Laurel Creek	87,661	102,812	190,473	2,400	692	187,381		
Century No. 1								
Century Coal Co. of W. Va.								
Century No. 2				14				
Totals								

* Used in Brewery.

† Used in Mill.

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	Production of Coal (Tons of 2,240 lbs.)		Distribution of Coal (Tons of 2,240 lbs.)			Production of Coke (Tons of 2 000 lbs.)				
		1st 6 Mos.	2nd 6 Mos	Total coal Produced for Year.	Used in operation of Mine.	Furnish- ed Local Trade and Tenants.	Used in Coke Ovens.	Quan- tity Shipped from Mine.	1st 6 Mos.	2nd 6 Mos.	Total for the Year.
<i>Barbour County—Cont'd.</i>											
Grafton Fuel Co.	Lillian.....	11,984	14,193	26,177	298			25,879			
The Pennsylvania C. & M. Co.	Adma.....	6,461	5,772	11,933	64	12		11,857			
Davis C. & C. Co.	No. 3.....	11,716	13,352	25,068		31		25,037			
	No. 4.....	1,959	1,369	3,328	488	48		2,792			
Miller C. & C. Co.	Sara.....	3,386	8,314	11,700	380	62	790	10,458	525	525	
Midland C. & O. Co.	Midland.....	6,580	12,321	18,901	2,320	446	9,821	6,314	6,200	6,200	
Totals		365,366	410,859	776,245	14,261	3,462	46,115	712,407	10,387	23,643	34,030
<i>Gilmer County.</i>											
The Cosmopolitan C. & C. Co.	Gilmer No. 1.....		312	312				312			
Totals			312	312				312			
<i>Harrison County.</i>											
Clarksburg Fuel Co.	Phinckinnick.....	121,058	108,683	229,741	3,500	1,342		224,749			
	Full Run.....	45,758	44,051	89,809		91		89,718			
	Dixie.....	12,705	11,103	23,808		113		23,695			
	Two Lick.....	59,250	53,695	113,045	1,567	300		111,478			
	Interstate.....	47,061	49,369	96,630	1,460	859		95,041			
	O'Neil.....	55,237	59,773	115,010	1,415	247		113,238			
Fairmont Coal Co.	Enterprise.....	97,086	116,129	213,215	5,446	1,217	23,178	183,374	4,893	10,682	15,575
	Viropa.....	46,423	49,797	96,220		295		96,015			
	Ehlen.....	32,246	38,425	70,671	50.0	3		70,078			
	Solon.....	54,732	63,149	117,881	605	552		116,724			
	Gypsy.....	84,067	84,000	168,067	3,575	926		164,166			
	Meadowbrook.....	48,953	48,164	97,117	636	637		95,794			
	Globe.....	28,046	27,034	55,139		251		54,888			
	Dunham.....	38,447	43,800	82,247	1,171	647		80,439			
	Lynch.....	15,858	11,776	27,634		36		27,598			
	West Fork.....	8,014	1,096	9,07		9		9,068			
	Reynoldsville.....	16,383	14,362	30,695	326	122		30,247			
	Columbia.....	73,792	77,952	151,744	1,852	354		149,538			
	Ocean.....	63,183	62,471	125,654	1,311	276		124,067			
	Riversdale.....	28,084	27,017	55,101	1,095	174		53,832			
	Perry.....	71,553	83,917	155,470				155,470			
Pitts. & Fairmont Fuel Co.	Coaling Station.....	30,998	34,297	65,295				65,295			

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.		NAME OF MINE.		Production of Coal (Tons of 2,240 lbs.)		Distribution of Coal (Tons of 2,240 lbs.)			Production of Coke (Tons of 2,000 lbs.)				
				1st 6 Mos.	2nd 6 Mos.	Total Coal Produced for year.	In operation of mine	Furnish- ed Local Trade and Tenants.	Used in Coke Ovens.	Quan- tity Shipped from Mine	1st 6 Mos.	2nd 6 Mos.	Total for the year.
<i>Mineral County.</i>													
Davys O. & O. Co.	No. 14.	3,019	13,585	16,614	.....	11	.....	.....	.....	16,603	.....	.....	.....
"	No. 20.	30,647	27,100	57,747	.....	.....	.....	.....	.....	57,747	.....	.....	.....
"	No. 9.	89,199	90,979	180,178	12	1,354	.....	.....	.....	178,812	.....	.....	.....
"	No. 6.	23,820	23,385	47,205	18	1,912	.....	.....	.....	45,275	.....	.....	.....
"	No. 19.	11,621	14,800	26,421	491	321	.....	.....	.....	25,609	.....	.....	.....
"	No. 50.	.....	7,221	7,221	.....	7	.....	.....	.....	7,214	.....	.....	.....
"	No. 51.	17,177	8,370	25,547	.....	109	.....	.....	.....	25,438	.....	.....	.....
Smith Coal Co.	Smith	22,151	26,837	48,988	300	.....	.....	.....	.....	48,688	.....	.....	.....
Piedmont & Potomac C. Co.	Virginia	12,481	10,029	22,510	.....	.....	.....	.....	.....	22,510	.....	.....	.....
The Big Vein Coal Co. of W. Va.	Big Vein.	19,699	15,388	35,087	138	159	.....	.....	.....	34,790	.....	.....	.....
Taylor Coal Co.	Taylor	4,800	4,000	8,800	.....	.....	.....	.....	.....	8,800	.....	.....	.....
Masteller Coal Co.	Hampshire	16,690	15,610	32,300	240	.....	.....	.....	.....	32,060	.....	.....	.....
"	New Creek.	2,706	13,538	16,244	.....	.....	.....	.....	.....	16,244	.....	.....	.....
Abrams Creek Coal Co.	Oakmont.	14,085	19,124	33,209	100	.....	.....	.....	.....	33,109	.....	.....	.....
Gleason C. & O. Co.	Gleason	20,000	20,000	40,000	.....	100	.....	.....	.....	39,900	.....	.....	.....
Glade Run O. & O. Co.	Sara	3,788	5,313	9,101	60	60	.....	.....	.....	8,981	.....	.....	.....
Totals													
		291,883	315,289	607,172	1,359	4,033	.....	.....	.....	601,780	.....	.....	.....
<i>Preston County.</i>													
Austen O. & O. Co.	Austen No. 1.	45,496	46,582	92,078	420	607	81,668	9,383	44,054	44,807	88,861	.....	.....
"	No. 2.	38,514	44,253	82,767	1,922	107	40,446	40,282	.....	.....	.....	.....	.....
Hamilton O. & O. Co.	Newburg Shaft.	21,217	22,956	44,173	1,800	200	.....	42,173	.....	.....	.....	.....	.....
Gorman O. & O. Co.	No. 1.	5,363	9,430	14,813	.....	155	.....	14,658	.....	.....	.....	.....	.....
"	No. 2.	13,398	13,139	27,117	300	100	20,181	6,536	6,669	6,784	13,453	.....	.....
"	No. 4.	3,754	2,782	6,536	.....	.....	.....	.....	.....	.....	.....	.....	.....
Irona Coal Co.	Irona Nos. 1 & 2.	50,295	56,473	106,768	1,778	4,644	.....	100,346	.....	.....	.....	.....	.....
Merchants Coal Co.	Merchants No. 2.	101,554	113,169	214,723	3,560	800	.....	210,363	.....	.....	.....	.....	.....
Oakland O. & O. Co.	Corinth	21,590	21,437	43,027	3,323	222	12,245	27,237	1,942	5,404	7,346	.....	.....
Kingwood Coal Co.	Howsesville	25,695	34,380	60,075	980	195	.....	58,900	.....	.....	.....	.....	.....
Hite O. & O. Co.	Dixie	11,701	12,413	24,114	280	143	.....	23,691	.....	.....	.....	.....	.....
Orr O. & O. Co.	Vulcan	27,482	37,168	64,650	871	287	46,878	16,614	12,200	18,725	30,925	.....	.....
The Manufacturers C. & O. Co.	Victoria No. 2.	19,360	7,984	27,344	2,897	.....	.....	24,947	.....	.....	.....	.....	.....
Pennsylvania Con. O. Co.	Shrader.	17,171	12,085	29,256	384	120	.....	29,352	.....	.....	.....	.....	.....

Used in ovens at No. 1 Mine.

Atlantic O. & C. Co.	26,827	32,493	59,320	2,774	233	130,259	56,223	37,768	120,213	222,846
Elkins O. & C. Co.	62,337	76,239	138,576	6,318	742	130,259	1,217	37,768	44,463	82,261
Preston County Coke Co.	14,857	27,898	42,755	1,000	55	1,000	41,851	.....	.....	.....
Totals	507,171	572,521	1,079,692	28,956	8,700	331,717	710,319	107,633	120,213	222,846
<i>Randolph County.</i>										
Davis Colliery Co.	104,285	127,906	232,191	2,560	994	117,925	110,712	44,878	47,542	92,420
" No. 3	62,832	73,428	136,260	2,168	520	43,322	90,250	17,289	17,661	34,950
Davis O. & C. Co.	70,849	64,920	135,769	1,719	517	104,588	28,945	33,239	40,458	76,697
" No. 2	39,231	39,131	78,362	248	159	54,357	23,428	17,394	22,593	39,987
" No. 5	2,892	3,906	6,798	300	82	.....	6,416	.....	.....	.....
W. H. Green	12,000	8,000	20,000	.....	.....	.....	20,000	.....	.....	.....
Totals	292,089	317,291	609,380	6,995	2,272	320,362	279,751	115,800	128,254	244,054
<i>Tucker County.</i>										
Davis O. & C. Co.	113,743	134,096	247,839	11,778	3,135	247,076	185,850	14,771	16,613	31,384
" No. 23	70,092	62,408	132,500	5,204	.....	.....	127,296	.....	.....	.....
" No. 26	21,728	20,063	41,821	.....	1,433	.....	40,388	.....	.....	.....
" No. 34	58,181	65,216	123,397	5,617	.....	33,406	89,991	10,449	11,821	22,270
" No. 35	27,160	22,384	49,544	.....	.....	41,618	2,309	15,147	12,598	27,745
" No. 36	52,141	59,253	111,394	.....	.....	114,964	30,213	22,786	31,334	54,120
" No. 37	64,262	52,711	116,973	430	270	76,184	2,009	41,713	34,930	76,643
Cumberland Coal Co.	47,301	47,156	94,457	.....	.....	.....	17,573	23,614	24,175	50,789
" No. 3 & 4	23,651	23,578	47,229	270	135	.....	46,824	.....	.....	.....
" No. 5	25,271	25,271	40,065	355	1,437	.....	38,293	.....	.....	.....
Beacon O. & C. Co.	14,794	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	493,053	512,166	1,005,219	23,654	6,400	394,429	580,736	131,480	131,471	263,951
<i>Braxton County.</i>										
Davis Colliery Co.	10,296	17,258	27,554	387	316	.....	26,851	.....	.....	.....
" No. 10	8,851	19,369	28,220	226	142	.....	27,852	.....	.....	.....
Totals	19,147	36,627	55,774	613	458	.....	54,703	.....	.....	.....
<i>Clay County.</i>										
Dorfee Coal Mining Co.	14,679	16,340	31,019	714	1,199	.....	29,106	.....	.....	.....
Carter Coal Co.	6,509	8,170	14,679	.....	111	.....	14,568	.....	.....	.....
Kentucky Coal & Lumber Co.	1,386	5,357	9,643	205	446	.....	8,992	.....	.....	.....
Elk River Coal & Lumber Co.	1,340	3,571	4,911	.....	.....	.....	4,911	.....	.....	.....
Totals	26,814	33,438	60,252	919	1,756	.....	57,577	.....	.....	.....
<i>Fayette County.</i>										
Sunday Creek Co.	50,600	52,717	103,317	2,576	1,570	10,949	88,222	.....	6,677	6,677
" No. 111	.....	14,530	14,530	69	69	.....	14,292	.....	.....	.....
" No. 112	76,162	88,419	164,581	6,353	1,518	72,863	83,847	24,163	27,936	52,099
" Nos. 114 & 114x	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Used in Ovens at No. 34 Mine.

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.		Production of Coal (Tons of 2,240 lbs.)		Distribution of Coal (Tons of 2,240 lbs.)				Production of Coke (Tons of 2,000 lbs.)	
	1st 6 Mos.	2nd 6 Mos.	Total Coal Produced for year.	Used in operation of mine.	Furnish- ed Local Trade and Tenants.	Used in Coke Ovens.	Quan- tity Shipped from Mine.	1st 6 Mos.	2nd 6 Mos.	Total for the year.
<i>Fayette County—Cont'd.</i>										
Sunday Creek Co.	No. 115	92,376	101,678	194,054	1,239	1,388	99,402	91,995	34,073	71,591
The Columbus I. & Steel Co.	No. 117	7,188		7,188		53		6,872		
Kanawha Gas Coal Co.	No. 1	58,448	67,433	125,881	2,174	1,654	42,998	79,105	15,029	32,147
W. R. Johnson & Co.	Kanawha Gas.	52,848	38,438	71,286		625		70,661		
Boomer C. & O. Co.	Oakland	42,982	38,348	81,330	915	875		79,540		
	No. 1	32,828	32,830	65,658				65,658		
	No. 2 North Side	90,962	90,962	181,924	2,209	108		179,607		
	No. 2 South Side	90,962	90,962	181,924	2,209	108		179,607		
	No. 3	80,809	80,809	161,618	32	2,207		159,379		
The Gauley Mountain C. Co.	Nova Scotia	81,080	87,943	169,023	4,343		58,952	105,728	18,123	38,032
Groft & Evans	Pine Top	3,229	7,157	10,386	350	500		10,386		
Moseley & Walker.	Cliff Top No. 1	4,565	12,902	17,467				16,557		
	" 2	1,183	1,544	2,727				2,727		
	" 3		2,979	2,979	50			2,929		
Gaymont Colliery Co.	Gaymont.	4,494	4,957	9,451		120		8,971		
Beury-New River C. Co.	Elmo	7,928	14,849	22,777	1,800	300		20,677		
Sunbury C. & O. Co.	Sunnyside		2,510	2,510		40		2,500		
Big Bend Coal Co.	Big Bend	5,915	6,400	12,315	400	440		11,475		
Michigan Coal Co.	Michigan	10,268	16,703	26,971	220	240		26,511		
The Fayette C. & O. Co.	Fayette	10,000	14,000	24,000		1,000	2,520	20,480	2/0	1,500
M'Firs & Consumers C. Co.	Newlyn	13,800	20,818	34,638	100	702		33,936		
Nuttallburg C. & O. Co.	Nuttallburg	16,828	20,517	37,405	225	350		36,830		
Keeneys Creek	Keeneys Creek	10,733	12,960	23,693		300		23,393		
Ballinger Coal Co.	Ballinger No. 1	27,729	28,809	56,538	235	764		55,539		
	" 2	633	631	1,264	6			1,228		
Blume C. & O. Co.	Blume	75,000	37,000	112,000	540	1,080		110,380		
Keeneys Creek Colliery Co.	Smokeless	21,930	36,655	58,585				58,585		
	Boone	13,992	14,009	28,001	200	1,000		27,201		
Rothwell Coal Co.	Dubree	13,227	18,570	31,797	300	250		31,247		
Penn. & New River C. Co.	Kohinoor	7,427	9,496	17,423	780	300		16,343		
Fire Creek C. & O. Co.	Fire Creek	11,506	10,986	22,492	800	1,000	13,129	7,563	4,328	8,540
Beury Brothers C. & O. Co.	Echo	29,842	29,842	60,110	360	600		59,150		
Ganacoma Coal Co.	G. No. 2 & S. No. 5	33,709	40,627	74,336		892		73,444		
Deftz Colliery Co.	Deftz No. 2	16,071	16,964	33,035	72			32,963		
	" 5	23,321	22,321	45,642	90	624		44,821		
Lynchburg Colliery Co.	Lynchburg No. 2	31,250	31,250	62,500	178	536		61,796		
Paint Creek Collieries Co.	Hickory Camp	17,404	23,386	40,790	178	171		40,441		

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	Production of Coal (Tons of 2,240 lbs.)		Total Coal Produced for year.	Used in operation of mine.	Furnish- ed Local Trade and Tenants.	Used in Coke Ovens.	Quan- tity Shipped from Mine.	Production of Coke (Tons of 2,000 lbs.)		
		1st 6 Mos.	2nd 6 Mos.						1st 6 Mos.	2nd 6 Mos.	
Kanawha County—Cont'd.											
Wyatt Coal Co.	North.		1,776	1,776				1,776			
Persinger Coal Co.	Wilton.	2,857	2,000	5,327	71	332		4,964			
Wake Forest Mining Co.	Wake Forest	25,726	22,408	58,134		446		57,688			
The Holley & Stephenson C.& C. Co.	No. 2	17,857	17,857	35,714				35,714			
do	No. 5	4,464	4,465	8,929				8,929			
do	No. 1	1,330	1,340	2,679				2,679			
La Mont Mining Co.	Nos. 1 & 3	24,946	23,756	48,702	645	207		47,850			
Carlson Coal Co.	North.	24,869	23,571	50,210				49,704			
do	South.	51,489	45,253	96,752	1,785			94,967			
do	No. 3	15,379	17,192	33,171				33,171			
Republic Coal Co.	No. 1	30,239	26,178	57,017				57,017			
do	No. 2	30,062	33,624	63,696				63,696			
do	No. 3	9,858	14,746	21,604				21,604			
West Virginia Colliery Co.	No. 1	44,643	62,000	107,143	536	322		106,285			
do	No. 2	23,102	22,825	45,927				45,927			
do	No. 3		4,464	4,464				4,464			
Cabin Creek Cons. C. Co.	Acme	9,890	5,931	15,820				15,008			
do	Keystone	37,778	32,241	70,019	1,617	822		68,402			
do	Empire	25,918	10,121	56,039				56,039			
do	Buckeye		589	589				589			
do	Shamrock	32,143	32,830	65,003				65,003			
do	Belleclare	26,709	25,226	51,935	781	396		50,758			
do	Ruby	1,224	13,528	15,152				15,152			
do	Holly	23,941	26,048	49,989				49,706			
do	Quarrier	35,008	33,868	68,876	1,130	283		67,412			
do	Red Warrior	23,920	25,994	49,914	1,183	334		48,377			
do	Oherokee	27,088	23,278	50,366				50,366			
do	Davis	26,899	31,841	58,740	609	260		57,871			
do	Chaladonia	10,714	12,582	23,256				21,890			
do	Thistle	26,785	29,412	56,197	1,406			56,197			
do	Rose	2,678	6,262	8,940				8,940			
do	Raccoon	26,786	29,621	56,407				56,407			
do	United Gas	35,864	47,767	83,631	445			83,185			
do	United Splint	1,453	12,382	13,875				13,875			
do	Kayford	64,285	42,937	107,222	2,048	222		104,952			
Coalburg-Kanawha Coal Co.	Klondike	4,768	4,446	9,154		428		8,726			

	No. 5	10,044	11,958	22,102	214	4,490.0.5	7,815	10,472	21,988
Coalburg-Kanawha Coal Co.	Blue Hole	.....	127	127	.....	.....	.....	.....	127
"	No. 6	.....	800	*800	.....	.....	.....	.....	800
Belmont Coal Co.	Coalburg	.....	5,804	8,482	.....	.....	.....	.....	8,482
"	Lewiston	.....	4,464	7,388	.....	.....	.....	.....	7,388
"	New Coalburg	.....	21,993	33,284	.....	.....	.....	.....	33,284
"	No. 8	.....	28,034	32,274	.....	.....	.....	.....	32,274
Equitable Coal Co.	Black Cat	.....	9,500	10,534	.....	.....	.....	.....	10,534
Southwestern Splint Fuel Co.	Reynolds	.....	14,523	19,945	.....	.....	.....	.....	19,945
Paint Creek Collieries Co.	Kinkerböcker	.....	13,823	18,715	.....	.....	.....	.....	18,715
"	Seranton	.....	35,283	47,407	.....	.....	.....	.....	47,407
"	Paint Creek	.....	29,073	35,132	.....	.....	.....	.....	35,132
"	Greenbrier Nos. 1 & 2	.....	15,580	14,528	.....	.....	.....	.....	14,528
"	Greenbrier Nos. 2 & 3	.....	50,707	35,927	.....	.....	.....	.....	35,927
"	Wacomah	.....	28,309	35,179	.....	.....	.....	.....	35,179
"	Detroit	.....	.....	7,110	.....	.....	.....	.....	7,110
"	Morton	.....	13,611	13,754	.....	.....	.....	.....	13,754
"	Nuckolls	.....	19,252	21,264	.....	.....	.....	.....	21,264
"	Banner Nos. 1 & 2	.....	38,017	19,771	.....	.....	.....	.....	19,771
Standard Splint & Gas O. Co.	Standard	.....	47,972	53,970	.....	.....	.....	.....	53,970
Imperial Colliery Co.	No. 1	.....	18,930	34,482	.....	.....	.....	.....	34,482
"	No. 2	.....	20,268	21,610	.....	.....	.....	.....	21,610
"	No. 3	.....	20,000	24,468	.....	.....	.....	.....	24,468
Chesapeake Mining Co.	Nos. 2 & 3	.....	25,780	23,744	.....	.....	.....	.....	23,744
Montgomery Coal Co.	Kanawha	.....	23,102	34,309	.....	.....	.....	.....	34,309
Morris Creek Coal Co.	Morris Creek	.....	22,355	17,153	.....	.....	.....	.....	17,153
"	.....	.....	15,089	16,607	.....	.....	.....	.....	16,607
Totals	.....	2,215,575	2,410,526	4,626,101	56,256	26,964	7,815	10,472	4,490.0.5
<i>Mason County.</i>									
Mason City O. M. Co.	Linden	.....	6,631	15,849	.....	.....	.....	.....	15,849
Liverpool Salt & Coal Co.	Jackson	.....	7,143	14,286	.....	.....	.....	.....	14,286
Hartford O. & M. Co.	Hartford	.....	262	8,029	.....	.....	.....	.....	8,029
Consumers O. & M. Co.	Camden	.....	18,285	35,958	.....	.....	.....	.....	35,958
Hanging Rock Coal Co.	Klondike	.....	7,107	3,554	.....	.....	.....	.....	3,554
Beech Grove Coal Co.	Beech Grove	.....	5,714	2,714	.....	.....	.....	.....	2,714
Totals	.....	47,729	45,482	93,211	1,366	22,480	.....	.....	69,3.5
<i>Nicholas County.</i>									
Bell Creek Coal Co.	Bell Creek	.....	8,036	8,036	.....	.....	.....	.....	8,036
The Columbus Coal Co.	No. 1	.....	804	982	.....	.....	.....	.....	982
"	No. 2	.....	.....	3,482	.....	.....	.....	.....	3,482
Kentucky Coal & Lumber Co.	Cambridge	.....	2,098	3,097	.....	.....	.....	.....	3,097
"	Mt. Carmel	.....	5,357	5,357	.....	.....	.....	.....	5,357
"	National	.....	2,678	2,678	.....	.....	.....	.....	2,678
Arminius Coal Co.	Arminius	.....	2,680	5,360	.....	.....	.....	.....	5,360

*Estimated.

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	Production of Coal (Tons of 2,240 lbs.)		Distribution of Coal (Tons of 2,240 lbs.)			Production of Coke. (Tons of 2,000 lbs.)				
		1st 6 Mos.	2nd 6 Mos.	Total coal Produced for Year.	Used in Operation of Mine.	Furnished Local Trade and Tenants.	Used in Coke Ovens.	Quantity Shipped from Mine.	1st 6 Mos.	2nd 6 Mos.	Total for the Year.
<i>Nicholas County—Cont'd.</i>											
Paint Creek Collieries Co.	Raven	4,102	5,345	9,447	651	298		8,528			
Totals.....		25,755	31,657	57,412	1,814	1,832		53,766			
<i>Putnam County</i>											
Plymouth C. & M. Co.	Plymouth	18,207	16,626	34,833	872	616		33,345			
" " " "	Manilla	26,490	33,720	60,210	872	616		58,722			
" " " "	California	10,729	17,017	27,746	872	616		26,258			
The Otto Marmet C. & M. Co.	Big Otto Nos 1, 2 & 3.	68,114	69,031	137,145		1,435		135,710			
Black Betsey C. & M. Co.	Nos. 1 & 2	70,736	67,106	137,842	2,232	982		134,628			
The Oak Forest C. & M. Co.	Oak Forest.	1,714	1,786	3,500	143	1,428		1,929			
Alpha C. M. Co.	Alpha		107	107				107			
Totals.....		196,020	205,393	401,413	4,931	5,693		390,729			
<i>Greenbrier County</i>											
Elk Lick Coal Co.	Lost Flat.	15,849	15,129	31,978	373			31,605			
Totals.....		15,849	15,129	31,978	373			31,605			
<i>Raleigh County</i>											
New River Collieries Co.	Royal	14,932	15,764	30,696	468	239		29,959			
" " " "	Lanark	21,500	23,276	44,776	1,436	584		45,756			
Raleigh C. & O. Co.	No. 3	65,479	73,207	138,686				138,686			
" " " "	Nos. 1, 2 & 4.	40,385	40,385	80,770	5,250	330		66,755			
" " " "	No. 5	650	3,470	4,120				4,120			
The Wright C. & O. Co.	Wright	33,031	38,209	71,240	480	610		70,150			
" " " "	Pack	10,621	12,194	22,815				16,640			
Piney C. & O. Co.	" Piney No. 1.	20,143	24,843	44,986				43,136			
" " " "	" " No. 2.	15,443	20,804	36,253	1,200	650		35,753			
" " " "	" " Nos. 3 & 4.	20,789	21,021	41,810				65,210			
Stonewall C. & O. Co.	Stonewall	11,758	16,461	28,219	305	140		27,774			
" " " "	Terry	22,353	34,325	46,658	100	165		46,383			
McKell C. & C. Co.	Oswald	22,235	22,273	44,508		530		44,178			
" " " "	Sidney	7,498	12,589	20,087		140		19,947			
" " " "	Graham	21,235	18,718	39,953		245		39,658			

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE	Production of Coal (Tons of 2,240 lbs.)		Distribution of Coal (Tons of 2,240 lbs.)				Production of Coke (Tons of 2,000 lbs.)					
		1st 6 Mos.	2nd 6 Mos.	Total Coal Produced for year	Used in operation of mine.	Furnished Local Trade and Tenants	Used in Coke Ovens.	Quantity Shipped from Mine	1st 6 Mos.	2nd 6 Mos.	Total for the year.		
<i>Mingo County.—Cont'd.</i>													
Thacker C. & C. Co.	Lynn	13,413	11,515	24,928		200		24,728					
Thacker Fuel Co.	No. 10	25,306	27,869	53,175	500			52,475					
Glen Alum Coal Co.	Nos. 1 & 2	69,284	61,836	131,120	1,000			129,120					
Big Split Coal Co.	Nolan	4,289	2,585	6,874		103		6,771					
War Eagle Coal Co.	War Eagle	35,382	38,132	73,514				73,514					
" " " "	Pappoose	39,063	43,594	82,657				82,657					
" " " "	Mephisto	36,841	39,037	75,878	4,911			68,735					
" " " "	Star	37,340	37,607	74,947				74,947					
Hatfield Colliery Co.	Hatfield	13,311	17,151	30,462	1,200			29,262					
Culross Coal Co.	Jackson	8,296	4,896	13,192				13,192					
Mate Creek Coal Co.	Nos. 1 & 2	17,857	17,857	35,714	536	88		35,090					
Marvin Coal Co.	Marvin No. 1	18,079	16,575	34,654	354	342		33,958					
Margaret Mining Co.	Nos. 1 & 2	27,232	32,768	60,000	2,053	223		57,724					
Majestic Collieries Co.	Cedar		6,071	6,071		169		5,911					
Merrimac C. & C. Co.	Commercial	7,025	13,800	20,825		1,910		18,915					
Williamson C. & C. Co.	Coaling Station	16,326	15,885	32,211				32,211					
" " " "	Williamson No. 1	9,170	10,842	20,012	482	4,464		15,066					
" " " "	Williamson No. 2	13,209	17,322	30,531	794	277		29,460					
Winifrede Cons. C. Co.	Sugar Tree		1,786	1,786	45	20		1,721					
Howard Colliery Co.	Howard	27,296	30,985	58,281	1,072	337		56,872					
Chattahoo Colliery Co.	Chattahoo	14,524	28,171	42,695	600	600		41,495					
The Buffalo Collieries Co.	Buffalo	30,000	30,000	60,000	600	275		49,065					
Leftwich & Taylor	Rawl No. 1	21,429	13,393	34,822				34,822					
Walnut Hills C. & M. Co.	Walnut Hill	10,714	12,053	22,767	490			22,277					
Linghocken Coal Co.	Linghocken No. 1	19,216	19,373	38,589		1,429		37,160					
Warfield Coal Co.	Warfield		6,415	6,670	165			6,380					
Sycamore Coal Co.	Sycamore	179	268	447		134		313					
Mattie May C. & C. Co.	Mattie May	69	754	823		26		797					
Totals		917,277	949,823	1,867,100	26,517	22,807		1,817,776					
<i>Wayne County.</i>													
East Lynn Coal Co.	No. 1	8,396	16,821	25,217		536		24,681					
Totals		8,396	16,821	25,217		536		24,681					
<i>McDowell County.</i>													
Algoma C. & C. Co.	Piney & North Fork	85,844	86,285	172,129	1,200	600	37,404	132,925	10,774	12,440	23,214		

Gilliam C. & O. Co.	81,799	167,319	2,009	52,145	113,165	13,341	19,250	32,591
Roanoke C. & O. Co.	50,656	100,283	900	31,140	67,543	12,000	11,253	23,253
Indian Ridge C. & O. Co.	57,577	125,238	640	320	43,398	10,880	12,173	23,053
Arlington C. & O. Co.	59,287	116,522	1,000	34,919	79,608	10,664	11,161	21,825
Greenbrier C. & O. Co.	75,006	151,235	2,672	1,105	46,920	101,538	17,206	31,281
McDowell.....	116,881	237,038		1,071	34,583	201,538	13,583	25,820
Ashtand C. & O. Co.	120,127	237,038	9,000	1,521	75,215	173,405	25,980	50,810
Elk Ridge Nos. 1 & 2.....	122,745	132,859	5,475	600	173,405	24,830	21,830	32,600
Elk Ridge Nos. 1 & 2.....	63,438	132,859	5,000	186,195	197,300	10,830	61,580	116,880
Norfolk & Angle.....	192,250	393,495	4,000	70,615	157,300	21,547	22,560	44,137
Luck Branch.....	113,180	233,925	4,000	3,800	155,310	21,547	17,525	22,185
Delta.....	263,540	133,140	16,000	4,660	208,240	120,710	27,810	60,120
Shanokin.....	118,630	225,902	4,000	4,500	96,195	32,310	27,810	60,120
Cherokee.....	62,897	123,795	4,000	3,000	118,732	23,790	25,507	49,386
West.....	15,000	30,000			30,000			
Elkhorn C. & O. Co.	103,184	212,625	1,800	65,858	143,059	23,790	25,507	49,386
Zenith C. & O. Co.	44,210	79,238	3,800	74,558	74,558	7,285	10,180	17,474
Tidewater.....	55,018	111,749	1,731	25,403	85,925	14,328	16,689	31,217
Bottom Creek.....	91,868	173,588	2,000	39,666	131,472	10,403	15,881	29,924
Peirless.....	61,684	128,822		47,877	80,945	20,200	24,797	41,997
Empire.....	137,135	273,135	1,981	51,961	218,781	11,680	12,764	24,444
Shawnee C. & O. Co.	56,681	124,358	1,200	1,200	82,818	108,246	12,500	14,703
Eureka C. & O. Co.	71,100	149,303	1,200	1,000	38,900	12,500	14,703	27,203
Pulaski.....	141,720	282,051	2,400	1,200	133,510	142,911	42,335	84,691
Keystone C. & O. Co.	75,082	142,971	1,600	2,836	105,479	7,657	11,838	19,505
Lynchburg.....	82,300	159,200	1,600	1,200	111,600	14,810	18,100	32,900
Powhatan C. & O. Co.	86,880	171,540	2,550	52,516	115,574	15,710	17,112	32,822
Upland C. & O. Co.	103,290	207,158	3,180	1,297	70,570	132,111	21,337	25,735
Houston C. & O. Co.	137,487	239,563	2,400	1,090	82,553	181,615	31,816	57,795
Orizer C. & O. Co.	144,908	278,514	1,404	2,189	85,686	25,217	33,257	58,472
Turkey Gap C. & O. Co.	377,183	577,358		99,135	278,223	83,314	28,615	61,959
Clrus.....	16,973	34,873	1,800	810	32,273			
Big Sandy.....	47,812	96,085	1,340	2,232	62,513			
Marytown.....	33,736	70,002	1,072	1,340	67,590			
Maheir No. 1.....	8,301	15,731	381	965	14,384			
No. 2.....	2,352	5,352	238	45	2,639			
Twin Branch.....	14,762	25,804	983		24,821			
J. B. B. No. 1.....	12,175	25,172	804		24,368			
No. 2.....	13,655	41,425	1,697		39,012			
No. 3.....	600	10,310	583		9,771			
No. 4.....		2,794	219	45	2,550			
No. 5.....		2,794	219	45	2,550			
Cambridge.....	10,270	19,594	268		18,349			
No. 1.....	39,800	79,865	977		78,265			
No. 2.....	10,000	19,881	1,600		19,231			
No. 3.....	2,659	12,481	630		12,484			
No. 4.....	9,825	15,309			15,309			
Pando Coal Co.....	4,074	25,349	320		25,103			
Antler C. & O. Co.	11,500	14,049	320		13,429			
United States C. & O. Co.	62,278	128,072	8,719		38,422			
No. 1.....	81,593	143,148	711		18,516			
No. 2.....	61,555	123,148	15		39,251			
No. 3.....	43,643	103,190	17,465		5,571			

PRODUCTION OF COAL AND COKE, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	Production of Coal (Tons of 2,240 lbs.)		Total coal Produced for Year.	Distribution of Coal (Tons of 2,240 lbs.)			Production of Coke (Tons of 2,000 lbs.)				
	1st 6 Mos.	2nd 6 Mos.		Used in operation of mine	Furnish- ed Local Trade and Tenants.	Used In Coke Ovens.	Quan- tity Shipped from Mine	1st 6 Mos.	2nd 6 Mos.	Total for the year.	
McDowell County—Cont'd.											
United States C. & O. Co.	No. 4	60,890	61,882	122,772	.....	1,250	63,170	58,352	13,483	34,757	48,240
" " " "	No. 5	32,000	38,994	70,994	.....	419	49,250	21,325	18,523	22,225	40,748
" " " "	No. 6	61,737	101,751	163,488	392	1,081	113,288	48,727	35,888	55,187	91,075
" " " "	No. 7	66,414	84,500	150,914	1,107	326	134,389	15,122	37,653	67,382	105,035
" " " "	No. 8	23,182	36,641	59,823	92	141	58,762	16,838	16,531	26,410	42,941
Mohawk C. & O. Co.	Mohawk	29,684	34,904	64,648	1,600	400	.....	62,648	.....	.....	.....
Welch C. & O. Co.	Welch	11,246	11,474	22,720	150	212	.....	22,358	.....	.....	.....
Hemp Hill Collieries Co.	Hemp Hill	8,698	11,543	20,241	.....	150	.....	20,091	.....	.....	.....
Slick Rock Coal Co.	Slick Rock	2,679	2,679	5,358	358	892	.....	4,108	.....	.....	.....
Oregon Coal Co.	Imo	29,976	23,000	52,976	.....	.....	.....	52,976	.....	.....	.....
" " " "	McClaren	9,989	7,776	17,765	.....	.....	.....	17,765	.....	.....	.....
Puge C. & O. Co.	Nos. 1 & 2	76,681	100,000	176,681	2,000	2,000	55,000	116,681	18,000	20,000	38,000
The Middle States C. & O. Co.	No. 11	15,000	35,000	50,000	5,000	750	.....	44,250	.....	.....	.....
The King Coal Co.	King	27,680	27,433	55,122	680	469	.....	53,973	.....	.....	.....
Virginia-Pocahontas C. Co.	No. 1	24,968	21,447	46,415	299	56	.....	46,040	.....	.....	.....
" " " "	No. 2	15,258	18,873	34,131	277	47	.....	33,807	.....	.....	.....
" " " "	No. 3	13,293	6,350	19,643	169	40	.....	19,434	.....	.....	.....
" " " "	No. 4	26,553	29,931	56,484	290	45	.....	56,149	.....	.....	.....
New River & Pocahontas Cons. O. Co.	No. 1	23,725	36,537	60,322	.....	.....	3,000	57,322	.....	2,000	2,000
do	No. 1½	24,063	37,842	61,908	.....	.....	.....	61,908	.....	.....	.....
do	No. 2	4,833	13,518	18,351	.....	.....	.....	18,351	.....	.....	.....
do	No. 3	.....	1,525	1,525	.....	.....	.....	1,525	.....	.....	.....
Dixon-Pocahontas Fuel Co.	No. 3	300	7,054	7,354	605	405	.....	6,344	.....	.....	.....
Jed C. & O. Co.	North Side	.....	.....	7,354	.....	.....	.....	.....	.....	.....	.....
Yukon Coal Co.	Jed Shaft	10,714	17,857	28,571	983	.....	.....	6,123	.....	.....	.....
J. H. Mitchell	Yukon	1,650	1,650	3,300	.....	3,300	.....	28,571	.....	.....	.....
County Seat	County Seat	.....	.....	3,300	.....	.....	.....	.....	.....	.....	.....
Totals	.....	3,920,254	4,203,445	8,123,639	127,990	70,065	2,509,148	5,425,495	775,023	969,796	1,744,819
Mercer County.											
Mill Creek C. & O. Co.	Mill Creek	93,216	92,400	185,676	610	710	59,247	125,109	20,665	20,808	41,473
Coaldale C. & O. Co.	Coaldale	81,123	100,433	181,559	690	730	17,179	162,980	3,469	8,557	12,026
Buckeye C. & O. Co.	Buckeye	72,595	72,650	145,245	524	524	41,423	102,774	12,805	13,088	25,893
Pocahontas Cons. Collieries Co.	Caswell Creek	101,560	113,290	214,760	6,000	4,000	53,980	147,780	16,952	18,632	35,614
Booth-Bowen C. & O. Co.	Booth-Bowen	83,162	80,798	163,960	1,800	1,170	46,338	114,638	13,691	15,270	28,961

Louisville Nos. 1, 2 & 3, Goodwill & Baby.		72,137	82,681	154,818	4,167	1,195	42,822	106,654	11,981	16,838	28,819
Pinnacle C. & C. Co.	.....	95,101	92,890	187,991	5,548	1,445	73,622	107,376	25,319	31,785	57,104
Grane Creek C. & C. Co.	.....	91,834	94,804	186,638	2,125	1,524	73,029	109,960	23,193	16,678	39,871
Crystal C. & C. Co.	.....	39,257	55,165	94,422	750	430	26,850	66,372	4,703	12,347	17,050
Thomas Coal Co.	.....	53,312	53,904	107,216	3,000	600	37,858	65,758	13,919	12,387	26,306
The Weyanoke C. & C. Co.	.....	39,009	35,885	74,894	1,250	982	.....	72,662	.....	.....	.....
Spring O. M. Co.	.....	31,671	34,350	66,021	1,000	400	.....	64,621	.....	.....	.....
Piedmont Colliery	.....	21,396	16,630	38,026	.....	284	.....	37,742	.....	.....	.....
Wenonah C. & C. Co.	.....	30,955	28,311	59,266	625	178	.....	58,463	.....	.....	.....
Hiawatha C. & C. Co.	.....	24,831	36,040	60,871	625	158	.....	60,088	.....	.....	.....
The Smokeless C. & C. Co.	.....	20,971	18,647	39,618	312	89	.....	39,217	.....	.....	.....
Pawama C. & C. Co.	.....	18,564	18,012	36,576	158	114	.....	36,304	.....	.....	.....
Oephus Coal Co.	.....	4,685	7,280	11,965	178	1,070	.....	10,717	.....	.....	.....
Totals	.....	975,382	1,034,140	2,009,522	29,362	15,623	475,348	1,489,189	146,727	169,390	313,117

*PRODUCTION OF COAL IN WEST VIRGINIA, BY GEOGRAPHICAL DISTRICTS,
FOR THE YEAR ENDING JUNE 30TH, 1907.*

(Tons of 2,240 lbs.)

Potomac District	1,883,933
Monongahela District	10,176,636
Wheeling District	1,302,054
Interior District	93,592
Kanawha-New River District	13,637,951
Norfolk & Western District	12,766,145
Total Commercial Mines	39,860,311
Small Mines	180,000
Grand Total	40,040,311

POTOMAC DISTRICT.

(Counties of Grant, Mineral & Tucker.)

Davis C. & C. Co. (1 mine in Grant, 7 in Mineral & 7 in Tucker)	1,376,646
Cumberland Coal Co.	141,686
Buffalo Creek Cumberland Coal Co.	79,297
Smith Coal Co.	48,988
Masteller Coal Co.	48,544
Beacon Coal & Coke Co.	40,065
Gleason Coal & Coke Co.	40,000
The Big Vein Coal Co. of W. Va.	35,087
Abrams Creek Coal Co.	33,209
Piedmont & Potomac Coal Co.	22,510
Glade Run Coal & Coke Co.	9,101
Taylor Coal Co.	8,800
Total	1,883,933

MONONGAHELA DISTRICT.

(Counties of Barbour, Harrison, Marion, Monongalia, Preston, Randolph, Taylor and Upshur.)

Fairmont Coal Co. (15 mines in Marion, 14 in Harrison and 1 in Monongalia)	4,164,337
Clarksburg Fuel Co.	668,073
Davis Colliery Co. (2 mines in Randolph and 1 in Barbour)	438,583
Pittsburg & Fairmont Fuel Co.	415,003
Davis Coal & Coke Co. (2 mines in Barbour, 3 in Randolph and 1 in Taylor)	336,629
Georges Creek Coal & Iron Co.	325,793
Elkins Coal & Coke Co. (2 mines in Monongalia and 2 in Preston)	317,035
Southern Coal & Transportation Co.	262,849
Merchants Coal Co.	214,723
The Virginia & Pittsburg Coal & Coke Co.	207,311
Century Coal Co. of W. Va.	191,705
Madeira-Hill-Clark Coal Co.	186,491
Austen Coal & Coke Co.	174,845
New Central Coal Co.	126,358
Federal Coal & Coke Co.	126,340
Irona Coal Co.	106,768
Pitcairn Coal Co.	103,643

Rosemont Coal Co.	96,928
Cook Coal & Coke Co.	87,000
Philippi Collieries Co.	83,977
Pittsvein Coal Co.	82,068
O'Gara Coal Mining Co.	81,635
Marshall Coal Co.	77,940
Fairmont & Baltimore Coal & Coke Co.	77,661
Hutchinson Fuel & Supply Co.	72,449
Short Line Coal Co.	72,000
Meadow Brook Coal & Coke Co.	66,364
Orr Coal & Coke Co.	64,650
Grafton Coal & Coke Co.	64,109
Kingwood Coal Co.	60,075
Atlantic Coal & Coke Co.	59,320
Connellsville Basin Coke Co.	49,074
Gorman Coal & Coke Co.	48,466
Tygarts River Coal Co.	44,980
Hamilton Coal & Coke Co.	44,173
Oakland Coal & Coke Co.	43,027
Pennsylvania Consolidated Coal Co. (1 mine in Preston and 1 in Upshur)	37,384
Kilarm Coal & Coke Co.	34,565
Davis Coal Mining Co.	34,170
Maryland Coal Co.	33,097
Summit Coal & Coke Co.	32,795
Opekiska Coal & Coke Co.	29,575
The Manufacturers Coal & Coke Co.	27,344
Red Rock Fuel Co.	26,814
Grafton Fuel Co.	26,177
Laurel Creek Coal Co.	25,495
Hite Coal & Coke Co.	24,114
Corona Coal & Coke Co.	22,993
W. H. Green	20,000
National Coal Co.	20,000
Central Fairmont Coal Co.	19,830
Cook & Hart Coal Co.	19,283
Rose-Bud Coal Co.	19,067
Midland Coal & Coke Co.	18,901
L. B. Brydon	15,940
The Pennsylvania Coal & Mining Co.	11,933
Miller Coal & Coke Co.	11,700
Parker Run Coal & Coke Co.	9,538
Buckhannon River Coal Co.	5,160
The Great Scott Coal & Coke Co.	4,857
Winona Coal & Coke Co.	2,522
Preston County Coke Co.	1,000
Total	10,176,636

WHEELING DISTRICT.

(Counties of Brooke, Hancock, Marshall and Ohio.)

Hichman Coal & Coke Co.	316,845
Lewis-Findley Coal Co.	200,000
La Belle Iron Works (1 mine in Brooke and 1 in Ohio)	100,936
Wheeling Steel & Iron Co.	88,633
Rex Carbon Coal Co.	82,304
Beech Bottom Coal Co.	73,616
Richland Coal Co.	71,225
The Marquet Coal Co.	70,066
Glendale Coal Co.	62,332
The La Belle Coal Co.	40,975
Boggs Run Mining & Manufacturing Co.	37,988

Clearfield & Ohio River Coal Co.	37,155
A. Gilchrist & Son's Coal Co.	34,378
The Glen Easton Coal & Coke Co.	17,474
Wheeling Steam Coal Co.	17,040
Whitaker-Glessner Co.	15,286
The Elm Grove Coal Co.	11,462
M. M. Cullen	8,214
Reymann Brewing Co.	7,042
Peter Storch & Son	4,107
J. S. Creighton	2,834
Jochum & Co.	2,142
Total	1,302,054

INTERIOR DISTRICT.

(Counties of Braxton, Gilmer, Greenbrier & Lewis.)

Davis Colliery Co.	55,774
Elk Lick Coal Co.	31,978
Jacksonville Coal & Coke Co.	5,528
The Cosmopolitan Coal Co.	312
Total	93,592

KANAWHA-NEW RIVER DISTRICT.

(Counties of Clay, Fayette, Kanawha, Lincoln, Mason, Nicholas, Putnam and Raleigh.)

The New River Co. (7 mines in Raleigh & 24 in Fayette.)	1,830,179
Cabin Creek Consolidated Coal Co.	901,980
Sunday Creek Co. (6 mines in Fayette and 6 in Kanawha)	755,283
Boomer Coal & Coke Co.	591,124
Paint Creek Collieries Co. (14 mines in Kanawha, 1 in Fayette and 1 in Nicholas)	577,235
New River Collieries Co. (7 mines in Fayette and 2 in Raleigh)	501,090
McKell Coal & Coke Co. (2 mines in Fayette and 3 in Raleigh)	496,168
New River & Pocahontas Consolidated Coal Co.	483,315
Loup Creek Colliery Co.	261,236
Campbells Creek Coal Co.	239,667
Winifrede Coal Co.	231,645
Raleigh Coal & Coke Co.	215,141
The Carver Brothers Co. (including Mecca Mines)	211,664
Kellys Creek Colliery Co.	210,201
The Marmet Coal Co.	189,725
Carbon Coal Co.	180,163
Gauley Mountain Coal Co.	169,023
West Virginia Colliery Co.	157,534
Piney Coal & Coke Co.	147,049
Republic Coal Co.	145,317
Cardiff Coal Co.	141,105
Imperial Colliery Co.	139,758
Ephraim Creek Coal & Coke Co.	139,042
Black Betsey Coal & Mining Co.	137,842
Otto Marmet Coal & Mining Co.	137,145
Hughes Creek Coal Co.	136,658
The Low Moor Iron Co. of Va.	136,610
The Star Coal & Coke Co.	135,331
The Columbus Iron & Steel Co.	125,931
Plymouth Coal & Mining Co.	122,819
Blume Coal & Coke Co.	112,000
The Wyatt Coal Co.	111,241
Chesapeake Mining Co.	107,941

Standard Splint & Gas Coal Co.	104,942
The Mt. Carbon Co. Ltd.	99,823
Hemlock Hollow Coal & Coke Co.	96,086
The Wright Coal & Coke Co.	94,055
Cannelton Coal Co.	93,660
Beechwood Coal & Coke Co.	87,249
Keeneys Creek Colliery Co.	86,986
Black Band Coal & Coke Co.	84,082
Greenwood Coal Co.	83,100
W. R. Johnson & Co.	81,330
The Thurmond Coal Co.	80,580
Dry Branch Coal Co.	79,795
Deitz Colliery Co.	78,570
Stonewall Coal & Coke Co.	74,877
Gamoca Colliery Co.	74,336
The Turkey Knob Coal Co.	72,481
Kanawha Gas Coal Co.	71,286
Belmont Coal Co.	70,297
Goshen Iron Co.	64,474
Lynchburg Colliery Co.	62,500
Nuttallburg Coal & Coke Co.	61,098
Equitable Coal Co.	60,308
Beury Brothers Coal & Coke Co.	60,110
Wake Forest Mining Co.	58,134
Stone Cliff Coal & Coke Co.	57,949
W. R. Johnson	57,782
Ballinger Coal Co.	57,772
The Olcott Coal & Iron Co.	55,799
The Elk Coal Co.	49,255
La Mont Mining Co.	48,702
Blue Creek Coal & Land Co.	48,213
The Holley & Stephenson Coal & Coke Co.	47,322
St. Clair Colliery Co.	46,824
Quincy Coal Co.	42,731
Quinnimont Coal Co.	41,239
Brown Coal Co.	39,547
Montgomery Coal Co.	39,508
Laura Mining Co.	36,281
Alaska Coal & Coke Co.	35,972
Consumers Coal & Mining Co.	35,958
Coalburg Colliery Co.	35,490
Manufacturers & Consumers Coal Co.	34,738
Coalburg-Kanawha Coal Co.	32,183
Rothwell Coal Co.	31,767
Morris Creek Coal Co.	31,696
Glendale Colliery Co.	31,540
Dorfee Coal Mining Co.	31,019
Kentucky Coal & Lumber Co.	30,908
Laurel Creek Coal Co.	29,421
Michigan Coal Co.	26,971
Nichol Colliery Co.	24,641
The Fayette Coal & Coke Co.	24,000
Moseley & Walker	23,113
Beury-New River Coal Co.	22,777
The Dungen Coal Co.	22,692
Fire Creek Coal & Coke Co.	22,492
Blue Jay Coal & Lumber Co.	21,050
Southwestern Splint Fuel Co.	20,124
Pennsylvania & New River Coal Co.	17,423
South Side Co.	17,416
Ridgeview Coal Co.	16,629

Bell Creek Coal Co.	16,072
Mason City Coal Mining Co.	15,849
Carter Coal Co.	14,679
Liverpool Salt & Coal Co.	14,286
Branchland Coal Co.	14,285
Home Coal Co.	12,655
Newlyn Coal Co.	12,369
Big Bend Coal Co.	12,315
Meadow Fork Coal Co.	10,856
Hanging Rock Coal Co.	10,661
Croft & Evans	10,386
Marrs Branch Coal Co.	10,000
Gaymont Colliery Co.	9,451
Export Coal Co.	9,017
The Graham Coal Co.	8,929
New Cedar Grove Coal & Brick Co.	8,433
Beech Grove Coal Co.	8,428
Hartford Coal & Mining Co.	8,029
The Clay Coal Co.	7,678
Mill Creek Cannel Coal Co.	6,641
Pen Mar Mining Co.	6,454
Lucas Ray Coal Co.	6,321
Kanawha-Elk Coal Co.	5,748
Arminius Coal Co.	5,360
Persinger Coal Co.	5,357
The Columbus Coal Co.	5,268
Elk River Coal & Lumber Co.	4,911
Falling Rock Cannel Coal Co.	4,785
Malcolm Coal Co.	3,616
Oak Forest Coal & Mining Co.	3,500
Rochester Coal Co.	3,304
Jefferson Coal & Coke Co.	2,678
Fanbeury Coal & Coke Co.	2,540
Kanawha Block Coal Co.	2,312
Columbia Coal Mining Co.	2,050
Roderick Coal Co.	1,913
New River Valley Coal Co.	1,510
Ft. Defiance Coal & Coke Co.	1,420
Clendenin Mining Co.	504
Alpha Coal Mining Co.	107
Total	13,637,951

NORFOLK & WESTERN DISTRICT.

(Counties of Logan, McDowell, Mercer, Mingo and Wayne.)

Pocahontas Consolidated Collieries Co. (7 mines in McDowell and 1 in Mercer)	1,487,417
United States Coal & Coke Co.	942,441
Red Jacket Consolidated Coal & Coke Co.	503,611
United States Coal & Oil Co.	429,718
Turkey Gap Coal & Coke Co.	377,358
American Coal Co. (Crane Creek & Pinnacle)	374,629
Mill Creek Coal & Coke Co. (including Coaldale)	367,235
Thacker Coal & Coke Co. (Including No. 10)	348,255
War Eagle Coal Co.	306,996
Pulaski Iron Co.	282,051
Crozer Coal & Coke Co.	278,544
The Empire Coal & Coke Co.	273,133
Houston Coal & Coke Co.	269,568
Ashland Coal & Coke Co.	260,141
McDowell Coal & Coke Co.	237,008

Elkhorn Coal & Coke Co.	212,626
Upland Coal & Coke Co.	207,158
Page Coal & Coke Co.	176,681
Bottom Creek Coal & Coke Co.	173,538
Algoma Coal & Coke Co.	172,129
Powhatan Coal & Coke Co.	171,540
Gilliam Coal & Coke Co.	167,319
Big Sandy Coal & Coke Co.	166,087
Booth-Bowen Coal & Coke Co.	163,960
Lynchburg Coal & Coke Co.	159,200
Virginia-Pocahontas Coal Co.	156,673
Louisville Coal & Coke Co.	154,818
Greenbrier Coal & Coke Co.	151,235
Eureka Coal & Coke Co.	149,300
Buckeye Coal & Coke Co.	145,245
Keystone Coal & Coke Co.	142,971
New River & Pocahontas Consolidated Coal Co.	142,106
Elk Ridge Coal & Coke Co.	132,859
Glen Alum Coal Co.	131,120
Peerless Coal & Coke Co.	128,822
Indian Ridge Coal & Coke Co.	125,238
Shawnee Coal & Coke Co.	124,358
Arlington Coal & Coke Co.	116,522
Superior-Pocahontas Coal Co.	112,180
Tidewater Coal & Coke Co.	111,749
Thomas Coal Co.	107,216
Roanoke Coal & Coke Co.	100,283
Crystal Coal & Coke Co.	94,422
J. B. B. Collieries Co.	82,493
Zenith Coal & Coke Co.	79,258
The Weyanoke Coal & Coke Co.	74,894
Oregon Coal Co.	70,741
The Monitor Coal & Coke Co.	69,833
Spring Coal Mining Co.	66,021
Mohawk Coal & Coke Co.	64,648
Hiawatha Coal & Coke Co.	60,871
Margaret Mining Co.	60,000
Draper Coal & Coke Co.	59,375
Wenonah Coal & Coke Co.	59,266
Howard Colliery Co.	58,281
The King Coal Co.	55,122
Merrimac Coal & Coke Co.	53,036
Williamson Coal & Coke Co.	50,543
The Buffalo Collieries Co.	50,000
The Middle States Coal & Coke Co.	50,000
Chattaroy Colliery Co.	42,695
The Gay Coal & Coke Co.	42,529
The Smokeless Coal & Coke Co.	39,618
Lingohocken Coal Co.	38,589
Piedmont Colliery	38,026
Pawama Coal & Coke Co.	36,576
Mate Creek Coal Co.	35,714
Cirrus Coal & Coke Co.	34,873
Leftwich & Taylor	34,822
Stone Branch Coal Co.	34,743
Marvin Coal Co.	34,654
Hatfield Colliery Co.	30,462
Yukon Coal Co.	28,571
Twin Branch Mining Co.	25,804
Antler Coal & Coke Co.	25,549
East Lynn Coal Co.	25,217
Big Creek Coal Co.	23,433
Walnut Hills Coal & Mining Co.	22,767
Welch Coal & Coke Co.	22,720

Hemphill Collieries Co.	20,241
Vaughan Coal & Coke Co.	19,594
Logan Coal Co.	18,751
Maher Coal & Coke Co.	18,083
Belvedere Gas Coal Co.	16,270
Pando Coal Co.	15,399
Pearl Coal Mining Co.	13,422
Culross Coal Co.	13,192
Yuma Coal & Coke Co.	12,925
Cephus Coal Co.	11,965
Fort Branch Coal Co.	11,487
Odd Coal & Coke Co.	9,821
Ethel Coal Co.	9,454
Dixon-Pocahontas Fuel Co.	7,354
Big Splint Coal Coal Co.	6,874
Warfield Coal Co.	6,670
Rex Coal & Coke Co.	6,485
Cora Coal & Coke Co.	6,250
Majestic Collieries Co.	6,071
Slick Rock Coal Co.	5,358
H. T. Wilson Coal Co.	3,571
J. H. Mitchell	3,300
Prudential Coal & Mining Co.	2,232
Winifrede Consolidated Coal Co.	1,786
Jed Coal & Coke Co.	1,116
Mattie May Coal & Coke Co.	823
Sycamore Coal Co.	447
Total	12,766,145

*A COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED
COAL, BY COUNTIES, 1907.*
(Tons of 2,240 lbs)

COUNTY.	Pick Mined Coal.	Machine Mined Coal.	Total Production.
Brooke	157,613	369,384	526,997
Hancock	30,780	47,500	78,280
Marion	1,694,004	1,925,760	3,619,764
Monongalia	152,329	140,267	292,596
Marshall	75,251	485,176	560,427
Ohio	58,517	77,833	136,350
Barbour	314,975	461,270	776,245
Gilmer	312	.....	312
Harrison	928,367	2,414,952	3,343,319
Lewis	5,528	.....	5,528
Taylor	371,645	44,493	416,138
Upshur	17,548	21,954	39,502
Grant	79,297	192,245	271,542
Mineral	603,059	4,113	607,172
Preston	578,231	501,461	1,079,692
Randolph	602,582	6,798	609,380
Tucker	822,868	182,351	1,005,219
Braxton	55,774	.....	55,774
Clay	29,233	31,019	60,252
Fayette	5,406,455	1,870,842	7,277,297
Kanawha	1,353,715	3,272,386	4,626,101
Mason	57,253	35,958	93,211
Nicholas	26,686	30,726	57,412
Putnam	398,199	3,214	401,413
Greenbrier	31,978	.....	31,978
Raleigh	1,054,627	50,049	1,104,676
Lincoln	3,304	14,285	17,589
Logan	92,454	648,153	740,607
Mingo	705,059	1,162,041	1,867,100
Wayne	25,217	.....	25,217
McDowell	7,665,790	457,909	8,123,699
Mercer	1,912,478	97,044	2,009,522
Totals	25,311,128	14,549,183	39,860,311
Small mines	180,000	.....	180,000
Grand Totals	25,491,128	14,549,183	40,040,311

*SUMMARY OF THE MACHINE MINED COAL IN THE STATE FOR
THE YEAR ENDING JUNE 30TH, 1907.*

COUNTY.	No. of mines using ma- chines.	No. of machines.	Tons of coal produced by machines (Tons of 2,240 lbs.)	No. of ma- chine miners	No. of Machine runners and helpers.	Total No. of machine men employed.
Brooke	5	25	369,384	273	52	325
Hancock.....	1	4	47,500	35	8	43
Marion.....	19	134	1,925,760	839	243	1,082
Monongalia.....	4	15	140,267	126	22	148
Marshall.....	4	20	485,176	301	46	347
Ohio.....	12	5	77,893	82	10	92
Barbour.....	12	46	461,270	289	67	356
Harrison.....	33	194	2,414,952	1,141	309	1,450
Taylor.....	2	5	44,493	56	7	63
Upshur.....	2	4	21,954	16	6	22
Grant.....	1	14	192,245	80	28	108
Mineral.....	1	2	4,113	25	4	29
Preston.....	13	69	501,461	354	82	436
Randolph.....	1	2	6,798	5	2	7
Tucker.....	5	15	182,351	115	24	139
Clay.....	1	3	31,019	20	6	26
Fayette.....	58	218	1,870,842	1,446	368	1,814
Kanawha.....	103	382	3,272,386	2,608	614	3,222
Mason.....	1	5	55,958	40	12	52
Nicholas.....	5	10	30,726	51	14	65
Putnam.....	1	1	3,214	.....	2	2
Raleigh.....	5	14	50,049	38	12	50
Lincoln.....	1	6	14,285	15	8	23
Logan.....	14	50	648,153	482	104	586
Mingo.....	29	151	1,162,041	784	259	1,043
McDowell.....	32	94	457,909	420	175	595
Mercer.....	5	20	97,044	93	30	123
Totals.....	360	1,508	14,549,183	9,734	2,514	12,248

COMPANIES OPERATING MINE MACHINES AND THE QUANTITY OF COAL PRODUCED BY THEM FOR THE YEAR
ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE	No. of Mine Machines	Tons of coal pro- duced by machines (Tons of 2,240 lbs.)	No. of Machine Runners and Helpers.	Total No. men em- ployed by machine mining.
<i>Brooke County.</i>					
The La Belle Coal Co.	Lewis No. 1.	3	40,975	40	46
Beech Bottom Coal Co.	Beech Bottom No. 1.	4	33,996	33	39
Lewis-Findley Coal Co.	Locust Grove	5	121,429	70	84
La Belle Iron Works.	La Belle Shaft.	9	95,724	70	88
Rex Carbon Coal Co.	No. 1.	4	77,260	60	68
Totals.		25	369,384	273	325
<i>Hancock County</i>					
The Marquet Coal Co.	No. 4.	4	47,500	35	43
Totals.		4	47,500	35	43
<i>Marion County</i>					
Fairmont Coal Co.	Murray	6	55,625	19	31
"	Montana	8	124,236	42	54
"	Shaft.	6	127,458	70	88
"	New England.	10	140,236	80	100
"	Gaston	7	148,285	65	80
"	Monongah Nos. 2, 3 & 5.	7	115,743	50	62
"	No. 6.	7	197,354	62	76
"	No. 8.	7	235,931	44	58
"	Anderson	10	59,513	25	29
"	Highland	2	43,317	18	22
"	Middleton	5	106,140	42	50
"	Chiefton	6	115,981	55	65
"	Hutchinson	3	9,324	25	29
George's Creek O. & I. Co.	Chatham No. 1.	21	217,196	135	180
Federal O. & O. Co.	Federal No. 1.	10	74,583	45	65
New Central Coal Co.	Stafford	17	125,068	40	65
Kilarn O. & O. Co.	Kilarn	2	29,770	24	28
Totals.		134	1,925,760	839	1,082
<i>Monongalia County</i>					
Fairmont Coal Co.	Beechwood	3	32,764	25	31
Elkins O. & O. Co.	Richard	3	45,722	30	34
"	Sabraton	3	31,698	30	34

Connellsville Basin Coke Co.		6	30,083	41	8	49
Totals.	Connellsville	15	140,267	125	22	148
<i>Marshall County.</i>						
Hitchman C. & C. Co.	Hitchman	10	316,845	170	21	194
Wheeling Steel & Iron Co.	Penwood	3	81,289	60	10	70
Glendale Coal Co.	Glendale	4	62,332	50	8	58
Clearfield & Ohio River C. Co.	Mound City Shaft.	3	24,710	21	4	25
Totals.		20	485,176	301	45	347
<i>Ohio County.</i>						
Richland Coal Co.	Richland	3	69,886	60	8	68
The Elm Grove Coal Co.	Elm Grove	2	7,947	22	2	24
Totals.		5	77,833	82	10	92
<i>Barbour County.</i>						
Philippt Collieries Co.	Nos. 1, 2, 3 & 4	6	69,157	50	10	60
Tygart's River Coal Co.	No. 5	1	14,820	20	2	22
Southern C. & Trans. Co.	Arden	4	44,980	24	6	30
Century Coal Co. of W. Va.	Berryburg	14	203,386	77	18	95
Grafton Fuel Co.	Century No. 1	13	89,618	68	18	86
Davis C. & C. Co.	Lillian	3	15,177	14	5	19
Miller C. & C. Co.	No. 4	2	3,328	4	2	6
Midland C. & C. Co.	Sara	1	9,376	10	2	12
Totals.	Midland	2	11,428	22	4	26
Totals.		46	461,270	289	67	356
<i>Harrison County.</i>						
Clarksburg Fuel Co.	Pinnacle	15	160,144	127	16	143
	Fall Run	4	85,090	29	8	37
	Two Dick	2	89,151	42	8	50
	Interstate	9	95,116	40	16	56
	O'Neill	15	115,010	40	20	60
Fairmont Coal Co.	Enterprise	6	122,386	41	14	55
	Viropa	4	87,277	30	6	36
	Ehlen	5	59,639	40	10	50
	Solon	5	95,673	24	8	32
	Gypsy	12	154,391	50	24	74
	Meadowbrook	3	62,908	29	4	33
	Globe	3	53,327	17	4	33
	Dunham	4	72,719	32	6	36
	Lynch	1	11,371	12	15	2
	Columbia	11	88,989	28	10	38
	Ocean	9	66,911	30	12	42
	Riverdale	3	42,281	18	3	21
Pittsburg & Fairmont Fuel Co.	Perry	7	101,964	40	14	54

COMPANIES OPERATING MINE MACHINES AND THE QUANTITY OF COAL PRODUCED BY THEM FOR THE YEAR
ENDING JUNE 30, 1907.

NAME OF COMPANY.	NAME OF MINE	No. of Mine Machines.	Tons of coal produced by machines. (Tons of 2,240 lbs.)	No. of Machine Runners and Helpers.	Total No. men employed by machine mining.
<i>Harrison County.—Cont'd.</i>					
Pittsburg & Fairmont Fuel Co.	Coaling Station.....	4	50,048	21	29
"	Pooz.....	5	76,810	38	48
"	Lucas.....	4	74,751	30	38
Cook O. & C. Co.	Girard No. 1.....	4	84,000	30	36
Meadow Brook O. & C. Co.	Erie.....	9	66,364	35	47
Madeira-Hill-Clark O. Co.	Waldo.....	11	86,056	80	102
"	New Chieftain and Randolph.....	6	61,906	38	50
Rose-Bud Coal Co.	Rosebud.....	1	19,067	17	17
Hutchinson Fuel & Supply Co.	Hutchinson.....	9	72,449	30	38
Summit O. & C. Co.	Phoenix.....	5	32,735	32	42
O'Gara O. M. Co.	O'Gara.....	7	81,635	32	42
Marshall Coal Co.	Marshall.....	7	69,044	30	40
Pitcairn Coal Co.	Pitcairn.....	3	75,933	30	56
Corona O. & C. Co.	Harold.....	1	438	10	12
Totals.....		194	2,414,952	1,141	1,450
<i>Taylor County</i>					
Pittsvein Coal Co.	Flemington.....	3	38,677	30	33
Maryland Coal Co.	Wendel.....	2	5,816	26	30
Totals.....		5	44,493	56	63
<i>Upshear County</i>					
Red Rock Fuel Co.	Nos. 1 & 2.....	4	21,954	16	22
Totals.....		4	21,954	16	22
<i>Grant County</i>					
Davis O. & C. Co.	No. 22.....	14	192,245	80	108
Totals.....		14	192,245	80	108
<i>Mineral County</i>					
Abrams Creek O. & C. Co.	Oakmont.....	2	4,113	25	29
Totals.....		2	4,113	25	29

<i>Preston County.</i>					
Austen O. & C. Co.	3	21,225	12	4	16
Hamilton O. & C. Co.	3	38,386	18	6	24
Gorman O. & C. Co.	8	22,086	20	6	26
Irona Coal Co.	3	18,252	7	6	13
Irona No. 1	3	67,861	51	10	61
Irona No. 2	6	173,686	70	16	86
Merchants Coal Co.	9				
Merchants No. 2	4				
Corinth	6	43,245	44	10	54
Oakland Coal & Coke Co.	7	12,460	12	4	16
Kingwood Coal Co.	9	53,605	45	8	53
Orr O. & C. Co.	6	40,102	35	6	41
Atlantic O. & C. Co.	3	10,573	40	6	46
Elkins O. & C. Co.	3				
Bretz	3				
Kingwood	3				
Totals...	69	501,461	354	82	436
<i>Randolph County.</i>					
Davis O. & C. Co.	2	6,798	5	2	7
Totals...	2	6,798	5	2	7
<i>Tucker County.</i>					
Davis O. & C. Co.	5	83,392	56	6	62
Oakland Coal Co.	2	4,500	4	2	6
Cumberland Coal Co.	3	62,972	15	6	21
Totals...	5	31,487	40	10	50
<i>Clay County.</i>					
Dorfee O. M. Co.	3	31,019	20	6	26
Totals...	3	31,019	20	6	26
<i>Fayette County.</i>					
Sunday Creek Co.	4	103,237	60	8	68
"	4	14,530	35	6	41
"	4	160,620	86	10	96
"	4	193,291	100	14	114
"	7	102,101	46	14	60
The Columbus Iron & Steel Co.	3	29,143	20	6	26
Wanawha Gas Coal Co.	3	81,350	42	8	50
K. R. Johnson & Co.	5	61,631	70	10	80
Boomer O. & C. Co.	5	116,068	99	10	109
"	5	116,068	99	10	109
"	5	161,618	107	14	121
"	5	91,281	75	20	95
The Gauley Mountain O. Co.	21				

* Idle.

COMPANIES OPERATING MINE MACHINES AND THE QUANTITY OF COAL PRODUCED BY THEM FOR THE YEAR
ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE	No. of mine machines.	Tons of coal produced by machines (Tons of 2,240 lbs.)	No. of Machine Miners.	No. of machine runners and helpers.	Total No. men employed by machine mining.
<i>Fayette County. Cont'd.</i>						
Moseley & Walker.....	Chff Top No. 3.....	1	529	2	2	4
Gaymont Colliery Co.....	Gaymont.....	1	.....	.....	.....	.....
Beury-New River C. Co.....	Elmo.....	7	22,777	15	4	19
Sunbury C. & C. Co.....	Sunnyside.....	3	2,540	5	2	7
Michigan Coal Co.....	Michigan.....	1	4,000	4	2	6
Nuttallburg C. & C. Co.....	Nuttallburg.....	3	12,956	20	2	22
Dubree.....	Dubree.....	4	24,449	15	4	19
Rothwell Coal Co.....	Hickory Camp.....	2	12,503	30	4	34
Paint Creek Collieries Co.....	Eureka Gas No. 13.....	1	1,696	2	.....	2
Eureka Colliery Co.....	Eureka Splint No. H.....	1	7,156	6	.....	6
Mecca C. & C. Co.....	Mecca No. 2.....	3	5,188	10	4	14
The Carver Brothers Co.....	Diamond.....	3	29,926	20	4	24
The Mt. Carbon Co., Ltd.....	Vulcan & South.....	2	20,270	11	4	15
Great Kanawha Colliery Co.....	Brewster.....	2	3,378	6	4	10
.....	Edwards.....	1	1,618	8	2	10
.....	Rhinolas.....	.....	61	.....	.....	.....
Cardiff Coal Co.....	Kimberly.....	5	28,638	30	10	40
.....	Columbia.....	2	15,412	18	22	40
.....	Elk Ridge Nos 1 & 2.....	4	40,168	40	6	46
South Side Co.....	South Side.....	1	12,894	10	5	15
The Goshen Iron Co.....	Elverton.....	6	61,300	48	35	83
The Low Moor Iron Co. of Va.....	Kay Moor No. 1.....	20	22,873	18	18	36
New River Collieries Co.....	Brooklyn No. 6.....	9	33,336	26	8	34
Ephraim Creek C. & C. Co.....	Buffalo.....	5	7,924	22	10	32
New River & Pocahontas Cons. C. Co.....	No. 2.....	3	11,166	6	4	10
.....	No. 3.....	2	19,062	48	20	68
.....	No. 4.....	4	39,354	68	40	108
.....	No. 5.....	7	2,790	4	2	6
McKell C. & C. Co.....	Berryhale.....	1	5,792	5	2	7
.....	Kilsyth.....	1	28,910	19	5	24
The Star C. & C. Co.....	Star.....	3	.....	.....	.....	.....
Prudence Coal Co.....	Prudence, Lyman and Jones.....	2	8,141	12	.....	12
Collins Colliery Co.....	Collins Nos. 1 & 2.....	2	3,387	3	2	5
White Oak Fuel Co.....	Wingrove.....	1	10,436	10	4	14
.....	Scarbrow.....	4	20,684	20	5	25
.....	Whipple.....	7	10,952	12	4	16

* Just being installed

				4	5	6	7	11	12	13	14
Stuart Colliery Co.				4	5	6	7	21,348	37,262	53,414	12,048
Macdonald Colliery Co.				5	6	7	8	38	49	60	71
Price Hill Fuel Co.				4	5	6	7	12,048	15,111	18,184	21,257
Totals				218	228	238	248	1,446	1,814	2,182	2,550
<i>Kanawha County.</i>											
Falling Rock Cannel Co.				2	3	4	5	1,199	1,446	1,693	1,940
The Elk Coal Co.				4	5	6	7	24,559	29,670	34,781	39,892
Lucas Ray Coal Co.				1	2	3	4	6,321	7,585	8,849	10,113
Jefferson C. & O. Co.				4	5	6	7	2,678	3,213	3,748	4,283
Mill Creek Cannel Co.				4	5	6	7	5,753	6,903	8,053	9,203
The Campbells Creek C. Co.				14	15	16	17	197,385	236,862	276,339	315,816
Quincy Coal Co.				2	3	4	5	12,485	15,111	18,184	21,257
Sunday Creek Co.				2	3	4	5	22,277	27,136	31,995	36,854
"				6	7	8	9	57,423	69,307	81,191	93,075
"				11	12	13	14	186,100	223,320	260,540	297,760
"				2	3	4	5	4,457	5,348	6,239	7,130
"				2	3	4	5	5,055	6,066	7,077	8,088
"				2	3	4	5	12,147	14,576	17,005	19,434
"				4	5	6	7	1,203	1,446	1,693	1,940
New Cedar Grove Coal & Brick Co.				2	3	4	5	3,300	3,960	4,620	5,280
Kellys Creek Colliery Co.				6	7	8	9	73,565	88,278	102,991	117,704
"				7	8	9	10	101,850	122,220	142,590	162,960
"				2	3	4	5	10,039	12,048	14,057	16,066
Hughes Creek Coal Co.				2	3	4	5	35,607	42,728	49,849	56,970
Gannett Coal Co.				3	4	5	6	74,386	89,263	104,140	119,017
The Marnet Coal Co.				14	15	16	17	28,051	33,661	39,271	44,881
"				6	7	8	9	13,350	16,020	18,690	21,360
"				4	5	6	7	479	575	671	767
Black Band C. & C. Co.				1	2	3	4	19	23	27	31
"				3	4	5	6	30	36	42	48
"				7	8	9	10	20	24	28	32
"				5	6	7	8	35	42	49	56
The Olcott Coal & Iron Co.				12	13	14	15	31,124	37,349	43,574	49,799
Winifrede Coal Co.				4	5	6	7	16,437	19,724	23,011	26,298
"				5	6	7	8	18,887	22,664	26,441	30,218
"				7	8	9	10	48,608	58,329	68,050	77,771
"				2	3	4	5	8,228	9,873	11,518	13,163
"				2	3	4	5	11,829	14,194	16,559	18,924
Coalburg Colliery Co.				3	4	5	6	25,389	30,466	35,543	40,620
Dry Branch Coal Co.				3	4	5	6	54,396	65,275	76,154	87,033
Wyatt Coal Co.				6	7	8	9	20,137	24,164	28,191	32,218
"				2	3	4	5	23,328	28,191	33,054	37,917
"				7	8	9	10	56,060	67,272	78,484	89,696
"				1	2	3	4	1,776	2,131	2,486	2,841

Worked two shifts of this number per shift.

COMPANIES OPERATING MINE MACHINES AND THE QUANTITY OF COAL PRODUCED BY THEM FOR THE YEAR
ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	No. of Mine machines.	Tons of coal pro- duced by machine (Tons 2,240 lbs.)	No. of machine miners.	No. of machine runners and helpers.	Total No. men em- ployed by machine mining.
<i>Kanawha County.—Cont'd.</i>						
Persinger Coal Co.	Wilton	1	357			2
Wake Forest Mining Co.	Wake Forest	3	48,285	25		31
The Holley & Stephenson C. & C. Co.	No. 2	3	35,714	35		41
" " " " " "	No. 5	2	8,929	20		24
" " " " " "	No. 1	1	2,679	4		4
Ia Mont Mining Co.	Nos. 1 & 3	3	48,702	31		35
Carlson Coal Co.	North	3	50,240	25		31
" " " " " "	South	5	96,752	35		50
" " " " " "	No. 3	2	33,171	20		24
Republic Coal Co.	No. 1	3	43,750	14		20
" " " " " "	No. 2	2	63,686	25		31
" " " " " "	No. 3	2	24,604	12		16
West Virginia Colliery Co.	No. 1	4	61,228	35		51
" " " " " "	No. 2	2	36,218	14		18
" " " " " "	No. 3	2	4,464	10		14
Cabin Creek Consolidated C. Co.	Acme	3	15,830	9		13
" " " " " "	Keystone	2	32,241	15		20
" " " " " "	Empire	4	55,443	20		23
" " " " " "	Buckeye	1	589	12		14
" " " " " "	Shamrock	5	65,063	45		51
" " " " " "	Belleclare	4	37,372	17		21
" " " " " "	Ruby	2	15,132	11		13
" " " " " "	Holly	7	49,989	30		40
" " " " " "	Quarrier	8	68,876	26		38
" " " " " "	Red Warrior	5	49,914	21		27
" " " " " "	Cherokee	5	29,720	18		23
" " " " " "	Davis	5	58,740	33		37
" " " " " "	Galedonia	3	20,796	15		19
" " " " " "	Thistle	4	15,390	23		25
" " " " " "	Rose	2	4,831	10		14
" " " " " "	Raccoon	3	32,271	22		34
" " " " " "	United Gas	3	47,684	35		41
" " " " " "	Splint	1	13,835	11		13
" " " " " "	Kayford	4	105,551	37		43
Belmont Coal Co.	No. 8	5	4,181	30		38
Equitable Coal Co.	New Coalburg	7	59,554	65		75
Southwestern Splint Fuel Co.	Black Oct	4	20,124	50		58
Paint Creek Collieries Co.	Reynolds	3	33,144	27		33

Paint Creek Collieries Co.	Scranton	68,142	30	10	40
" "	Paint Creek	55,899	40	10	50
" "	Grose No. 2	6,318	15	2	17
" "	Greenbrier No. 2		2	2	4
" "	" No. 3	8,310	14	4	18
" "	Wacomah	23,729	46	6	52
" "	Detroit	7,000	10	8	18
" "	Morton	16,069	8	4	12
" "	Banner No. 1	27,361	23	4	27
" "	Banner No. 2		10	2	12
" "	Standard	90,044	60	10	70
Standard Splint & Gas C. Co.	No. 1	35,918	25	10	35
Imperial Colliery Co.	No. 2	41,878	30	8	38
" "	No. 3	44,468	30	6	36
Chesapeake Mining Co.	No. 1	25,866	12	4	16
" "	Nos. 2 & 3	14,046	8	3	11
Montgomery Coal Co.	Kanawha	5,107	4	4	8
Morris Creek Coal Co.	Morris Creek	29,461	36	6	42
Totals		3,272,686	2,608	614	3,222
<i>Mason County</i>					
Consumers C. & M. Co.	Camden	35,958	40	12	52
Totals		35,958	40	12	52
<i>Nicholas County</i>					
Bell Creek Coal Co.	Bell Creek	10,714	18	2	20
The Columbus Coal Co.	No. 1	1,786	4	2	6
Kentucky Coal & Lumber Co.	Gambria	4,705	10	4	14
" "	Mc. Carmel	7,714	15	4	19
Paint Creek Collieries Co.	Raven	5,807	4	2	6
Totals		30,726	51	14	65
<i>Putnam County</i>					
Black Betsey C. & M. Co.	Nos. 1 & 2	3,214		2	2
Totals		3,214		2	2
<i>Raleigh County</i>					
Raleigh C. & C. Co.	No. 3	19,691	10	4	14
McKell C. & C. Co.	No. 1	1,854	1		1
Oranberry Fuel Co.	Oswald	1,000	8	2	10
" "	Skelton	2,504	4	2	6
Price Hill Fuel Co.	Price Hill	25,000	15	4	19
Totals		50,049	38	12	50
<i>Lincoln County</i>					
Branchland Coal Co.	Lincoln No. 1	14,285	15	8	23
Totals		14,285	15	8	23

COMPANIES OPERATING MINE MACHINES AND THE QUANTITY OF COAL PRODUCED BY THEM FOR THE YEAR
ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	No. of mine machines.	Tons of coal produced by machines (Tons of 2,240 lbs.)	No. of machine runners and helpers.	Total No. men employed by machine mining
<i>Logan County.</i>					
The Monitor O. & O. Co.	Monitor & Beechwood.	4	69,883	8	50
The Gay O. & O. Co.	Gay.	2	42,329	25	29
Draper O. & O. Co.	Draper.	5	44,643	30	38
Big Creek Coal Co.	Big Creek.	2	5,357	4	34
United States Coal & Oil Co.	Island Creek No. 1.	7	265,253	120	140
	No. 2.	1	224,465	140	160
Stone Branch Coal Co.	Stone Branch.	2	8,762	15	19
Logan Coal Co.	No. 1.	6	6,697	19	29
Yuma O. & O. Co.	Yuma.	3	12,925	15	19
Fort Branch Coal Co.	Fort Branch.	3	11,487	10	16
Gora O. & O. Co.	Gora.	2	6,250	4	14
Ethel Coal Co.	Ethel.	4	6,381	14	20
H. T. Wilson Coal Co.	Wilson.	3	3,571	12	18
Totals.		50	648,153	482	586
<i>Mingo County.</i>					
Pearl Coal Mining Co.	Haggerty.	2	9,340	12	14
Red Jacket Cons. O. & O. Co.	Rutherford.	2	54,743	35	39
	Red Jacket.	9	81,057	86	104
	Logan.	2	15,545	16	20
	Logan.	2	41,218	38	44
Thacker O. & O. Co.	Maritime.	16	28,213	25	50
	No. 2.	6	63,375	75	85
	No. 3.	12	131,120	60	86
Glen Alum Coal Co.	Nos. 1 & 2.	9	73,514	35	52
War Eagle Coal Co.	War Eagle.	8	82,657	45	59
	Pappoose.	7	75,878	40	54
	Mephisto.	8	74,947	48	62
	Star.	3	30,462	15	21
Hatfield Colliery Co.	Hatfield.	6	28,572	19	25
Mate Creek Coal Co.	Nos. 1 & 2.	8	34,654	14	24
Marvin Coal Co.	Marvin No. 1.	9	60,000	40	50
Margaret Mining Co.	Margaret Nos. 1 & 2.	4	20,825	10	18
Merrimac O. & O. Co.	Commercial.	3	32,211	20	28
	Coaling Station.	5	12,853	12	18
Williamson O. & O. Co.	Williamson No. 1.	2	30,531	20	30
Winifrede Consolidated O. Co.	No. 2.	3	1,786	5	20
	Sugar Tree.				

Howard Colliery Co.....	Howard	58,281	18	6	24
Chattahoochee Colliery Co.....	Chattahoochee	28,975	30	10	40
The Buffalo Collieries Co.....	Buffalo	50,000	11	8	19
Leftwich & Taylor.....	Leftwich	34,822	15	8	23
Linghocken Coal Co.....	Linghocken No. 1	6,482	30	4	34
Totals.....		1,162,041	784	259	1,043
<i>McDowell County.</i>					
Indian Ridge C. & O. Co.....	Indian Ridge	23,594	15	6	21
McDowell C. & O. Co.....	McDowell	17,183	8	2	10
The Tidewater C. & O. Co.....	Tidewater	12,282	10	4	14
Peerless C. & O. Co.....	Peerless	14,000	8	...	8
Upland C. 1 & O. Co.....	Nos. 1 & 2	13,243	8	...	12
Big Sandy C. & O. Co.....	Marytown	9,231	10	8	18
Maheir C. & O. Co.....	Maheir No. 1	2,352	6	4	10
J. B. B. Collieries Co.....	No. 2	12,585	10	4	14
...	No. 1	17,423	20	10	30
...	No. 2	6,014	8	8	16
...	No. 3	2,794	8	8	16
...	No. 4	2,794	8	8	16
...	No. 5	1,000	25	2	27
Superior-Pocahontas C. Co.....	No. 1	2,549	10	6	16
Antler C. & O. Co.....	Antler	450	5	3	8
United States C. & O. Co.....	No. 1	5,576	7	5	12
...	No. 3	...	5	...	11
...	No. 4	...	5	...	6
...	No. 5	906	...	6	6
...	No. 7	2,587	8	6	14
Mohawk C. & C. Co.....	Mohawk	64,618	45	14	59
Welch C. & C. Co.....	Welch	7,440	8	4	12
Hemphill Collieries Co.....	Hemphill	13,493	10	4	14
Oregon Coal Co.....	Imo.	33,318	20	5	25
Page C. & C. Co.....	Nos. 1 & 2	10,000	...	4	4
The Middle States C. & C. Co.....	No. 11	50,000	60	8	68
New River & Pocahontas Cons. C. Co.....	No. 1	54,992	35	12	47
...	No. 1½	57,794	38	14	52
...	No. 2	15,210	25	6	31
Dixon-Pocahontas Fuel Co.....	North Side	2,451	...	4	4
Totals.....		457,909	420	175	595
<i>Mercer County.</i>					
Louisville C. & C. Co.....	Louisville Nos. 1, 2 & 3,	11,228	30	10	40
The Weyanoke C. & Co.....	Goodwill & Baby	797	4	2	6
Spring Coal Mining Co.....	Weyanoke	53,133	37	10	47
Piedmont Colliery.....	Spring	31,886	22	8	30
Totals.....	No. 1	97,014	93	30	123

*Not being used.

#Just installed.

**SUMMARY OF THE NUMBER AND KINDS OF MINING MACHINES IN
USE IN THE STATE, FOR THE YEAR ENDING
JUNE 30TH, 1907.**

COUNTY	Electrical Mine Machines.				Compressed Air Mine Machines				Total No. of Machines.	Tons of coal produced by machines (tons of 2,240 lbs.)
	Jeffrey.	Morgan-Gardner.	Goodman.	Sullivan.	Harrison.	Ingersoll-Rand.	Sullivan.	Jeffrey.		
Brooke.....	23	.....	.....	3	.....	.....	.....	.....	25	369,384
Hancock.....	4	.....	.....	.....	.....	.....	.....	.....	4	47,500
Marion.....	54	20	.....	2	22	18	.....	11	134	1,925,760
Monongalia.....	6	6	.....	3	.....	.....	.....	.....	15	140,267
Marshall.....	17	.....	.....	.....	3	.....	.....	.....	20	485,176
Ohio.....	5	.....	.....	.....	.....	.....	.....	.....	5	77,833
Barbour.....	10	8	2	3	5	4	3	11	46	461,270
Harrison.....	61	24	2	1	59	31	11	5	194	2,414,952
Taylor.....	.....	3	2	.....	.....	.....	.....	.....	5	44,493
Upshur.....	1	.....	.....	3	.....	.....	.....	.....	4	21,954
Grant.....	.....	.....	.....	.....	.....	14	.....	.....	14	192,245
Mineral.....	2	.....	.....	.....	.....	.....	.....	.....	2	4,113
Preston.....	2	6	6	7	39	3	6	.....	69	501,461
Randolph.....	.....	.....	.....	.....	.....	.....	2	.....	2	6,798
Tucker.....	.....	.....	.....	.....	.....	9	6	.....	15	182,351
Olay.....	.....	3	.....	.....	.....	.....	.....	.....	3	31,019
Fayette.....	60	38	25	16	73	.....	6	.....	218	1,870,842
Kanawha.....	125	175	25	8	44	5	.....	.....	382	3,272,386
Mason.....	.....	5	.....	.....	.....	.....	.....	.....	5	35,958
Nicholas.....	3	7	.....	.....	.....	.....	.....	.....	10	30,726
Putnam.....	.....	.....	1	.....	.....	.....	.....	.....	1	3,214
Raleigh.....	8	.....	.....	.....	5	.....	1	.....	14	50,049
Lincoln.....	.....	.....	.....	.....	6	.....	.....	.....	6	14,285
Logan.....	16	6	3	4	19	.....	2	.....	50	648,153
Mingo.....	24	11	.....	1	80	27	.....	1	151	1,162,041
McDowell.....	7	.....	.....	23	19	38	.....	.....	94	457,909
Mercer.....	.....	2	.....	.....	.....	15	3	.....	20	97,044
Totals.....	427	314	66	74	374	164	61	28	1,508	14,549,183

NAME OF COMPANY.	NAME OF MINE.	Electrical Mine Machines.				Compressed Air Mine Machines.				Total No. of Machines.	Tons of coal produced by machines. (Tons of 2,240 lbs.)
		Jeffrey.	Morgan-Gardner.	Goodman.	Sullivan.	Harrison.	Ingersoll-Rand.	Sullivan.	Jeffrey.		
Brooke County.											
The La Belle Coal Co.	Lewis No. 1	3			3					3	40,975
Beech Bottom Coal Co.	Beech Bottom No. 1	1								4	33,996
Lewis-Findley Coal Co.	Locust Grove	5								5	121,429
La Belle Iron Works	La Belle Shaft	9								9	95,724
Rex Carbon Coal Co.	No. 1	4								4	77,260
Totals		22			3					25	369,384
Hancock County.											
The Marquet Coal Co.	No. 4	4								4	47,500
Totals		4								4	47,500
Marion County.											
Fairmont Coal Co.	Murray	6								6	55,625
"	Montana	8								8	124,236
"	Shaft	6								6	127,458
"	New England	10								10	140,236
"	Gaston	7								7	148,285
"	Monongah Nos. 2, 3 & 5	1	6							7	115,743
"	" No. 6	1	5							7	197,354
"	" No. 8.				2					2	235,931
"	Anderson					2	6	2		10	59,513
"	Highland	2								2	43,317
"	Middleton	5								5	106,140
"	Chileton	6								6	115,981
"	Hutchinson	3								3	9,324
George's Creek Coal & Iron Co.	Chatham No. 1					6	3	5	7	21	217,196
Federal C. & C. Co.	Federal No. 1					10				10	74,583
New Central Coal Co.	Stafford		2			4	9		4	17	125,068
Kilham C. & O. Co.	Kilham									2	29,770
Totals		54	20		2	22	18		11	134	1,925,760

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE STATE FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	Electrical Mine Machines.		Compressed Air Mine Machines.				Total No. of Machines.	Tons of coal produced by machines. (Tons of 2,240 lbs.)	
		Jeffrey.	Morgan-Gardner.	Goodman.	Sullivan.	Harrison.	Ingersoll-Rand.			Sullivan.	Jeffrey.
<i>Monongalia County.</i>										
Fairmont Coal Co.	Beechwood.	3							3	32,764
Elkins C. & C. Co.	Richard.				3				3	45,722
Connellsville Basin Coke Co.	Sabraton.	3	6						3	31,698
	Connellsville.								6	30,083
Totals.....		6	6		3				15	140,267
<i>Marshall County.</i>										
Hitchman C. & C. Co.	Hitchman.	10							10	316,845
Wheeling Steel & Iron Co.	Benwood.	3							3	81,289
Glendale Coal Co.	Glendale.	4				3			4	62,332
Clearfield & Ohio River C. Co.	Mound City Shaft.								3	24,710
Totals.....		17				3			20	485,176
<i>Ohio County.</i>										
Richland Coal Co.	Richland.	3							3	69,886
The Elm Grove Coal Co.	Elm Grove.	2							2	7,947
Totals.....		5							5	77,833
<i>Barbour County.</i>										
Phillippi Collieries Co.	Nos. 1, 2, 3 and 4.	3	1	2					6	69,157
	No. 5.	1							1	14,824
Tygart's River Coal Co.	Arden.					4			4	44,980
Southern Coal & Trans. Co.	Berryburg.					1	1	1	11	203,386
Century Coal Co. of W. Va.	Century No. 1.								13	89,618
Grafton Fuel Co.	Lillian.	6	7				3		3	15,177
Davis C. & C. Co.	No. 4.							2	2	3,328
Miller C. & C. Co.	Sara.				1				1	9,376
Midland C. & C. Co.	Midland.							2	2	11,428
Totals.....		10	8	2	3	5	4	3	11	461,270

Harrison County.									
Clarksburg Fuel Co.	Pinnickinnicks..	4	7	3	5	15	160,144		
	Fall Run.....	2				4	85,099		
	Two Lick.....					2	89,151		
	Interstate.....		9			9	95,116		
	O'Neil.....		15			15	115,010		
Fairmont Coal Co.	Enterprise.....	6				6	122,386		
	Viropa.....	4				4	87,277		
	Ehlen.....	2				2	59,639		
	Solon.....	4				4	95,673		
	Gypsy.....	12				12	154,391		
	Meadowbrook.....	3				3	62,208		
	Globe.....	3				3	53,327		
	Bunham.....	4				4	72,719		
	Lynch.....	1				1	11,371		
	Columbia.....		7	4		11	88,989		
	Ocean.....					9	66,911		
	Riverdale.....	3				3	42,281		
Pittsburg & Fairmont Fuel Co.	Ferry.....	5				5	101,964		
	Coalting Station.....	1				1	50,048		
	Pooz.....	3				3	76,810		
	Lucas.....	2				2	74,751		
	Gilard No. 1.....	4				4	84,000		
	Erie.....		1			1	66,364		
	Waldo.....					9	86,056		
	New Chieftain & Randolph.....	6				6	61,906		
	Rosebud.....		1			1	19,067		
Hutchinson Fuel & Supply Co.	Hutchinson.....					3	72,449		
Summit C. & C. Co.	Phoenix.....					1	32,795		
O'Gara C. M. Co.	O'Gara.....					3	81,635		
Marshall Coal Co.	Marshall.....					7	69,044		
Pitcairn Coal Co.	Pitcairn.....	3				3	75,933		
Corona Coal Co.	Harold.....		1			1	438		
Totals		61	24	2	1	59	2,414,952		
Taylor County.									
Pittsvein Coal Co.	Fleulington.....	3				3	38,677		
Maryland Coal Co.	Wendel.....		2			2	5,816		
Totals		3	2			5	44,493		
Upsbur County.									
Red Rock Fuel Co.	Nos. 1 & 2.....	1				1	21,954		
Totals		1				1	21,954		
Grant County.									
Davis C. & C. Co.	No. 22.....					14	192,245		
Totals						14	192,245		

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE STATE FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	Electrical Mine Machines:				Compressed Air Mine Machines.			Total No. of Machines.	Tons of Coal Produced by machines. (Tons 2,240 lbs.)
		Jeffrey.	Morgan-Gardner.	Goodman.	Sullivan.	Harrison.	Ingersoll-Rand.	Sullivan.	Jeffrey.	
<i>Mineral County.</i>										
Abrams Creek C. & O. Co.	Oakmont.	2								4,113
Totals		2								4,113
<i>Preston County.</i>										
Austen C. & O. Co.	Austen No. 1			3						21,225
	Austen No. 2			3						38,386
Hamilton C. & O. Co.	Newburg shaft					8				22,086
Gorman C. & O. Co.	No. 2							3		18,232
Irma Coal Co.	Irma No. 1					3				67,861
	Irma No. 2					6				173,686
Merchants Coal Co.	Merchants No. 2		6					3		43,245
Oakland C. & O. Co.	Corinth					6				12,400
Kingwood Coal Co.	Howesville					7				53,605
Orr C. & O. Co.	Vulcan					9				40,102
Atlantic C. & O. Co.	Atlantic	1			5					10,573
Elkins C. & O. Co.	Bretz	1			2					501,461
	Kingwood							6		6,798
Totals		2	6	6	7	30	3	6	69	6,798
<i>Randolph County.</i>										
Davis C. & O. Co.	No. 5							2		83,392
Totals								2		4,500
<i>Tucker County.</i>										
Davis C. & O. Co.	No. 25						5	2		
	No. 37									

†Not used.

Cumberland Coal Co.....	Nos. 3 & 4.....	.....	.....	.....	.....	.....	.....	.....	.....	3	62,952
	No. 5.....	.....	.....	.....	.....	.....	.....	.....	.....	5	31,487
Totals.....		.....	.....	.....	.....	.....	.....	.....	.....	15	182,351
Dorfee Coal Mining Co.....	Elk Manor.....	.....	.....	.....	.....	.....	.....	.....	.....	3	31,019
Totals.....		.....	.....	.....	.....	.....	.....	.....	.....	3	31,019
<i>Fayette County.</i>											
Sunday Creek Co.....	No. 111.....	.....	.....	.....	.....	.....	.....	.....	.....	4	103,237
	No. 112.....	.....	.....	.....	.....	.....	.....	.....	.....	4	14,530
	Nos. 114 & 114X.....	.....	.....	.....	.....	.....	.....	.....	.....	4	160,620
	No. 115.....	.....	.....	.....	.....	.....	.....	.....	.....	4	193,291
The Columbus Iron & Steel Co.....	No. 1.....	.....	.....	.....	.....	.....	.....	.....	.....	7	102,101
Kanawha Gas Coal Co.....	Kanawha Gas.....	.....	.....	.....	.....	.....	.....	.....	.....	3	29,143
W. R. Johnson & Co.....	Oakland.....	.....	.....	.....	.....	.....	.....	.....	.....	5	81,330
Boomer C. & C. Co.....	No. 1.....	.....	.....	.....	.....	.....	.....	.....	.....	5	61,631
	No. 2 North Side.....	.....	.....	.....	.....	.....	.....	.....	.....	5	116,068
	No. 2 South Side.....	.....	.....	.....	.....	.....	.....	.....	.....	5	116,068
	No. 3.....	.....	.....	.....	.....	.....	.....	.....	.....	7	161,618
The Gauley Mountain C. Co.....	Novia Scotia.....	.....	.....	.....	.....	.....	.....	.....	.....	21	91,281
Moseley & Walker.....	Cliff Top No. 3.....	.....	.....	.....	.....	.....	.....	.....	.....	1	529
Gaymont Colliery Co.....	Gaymont.....	.....	.....	.....	.....	.....	.....	.....	.....	1	22,777
Beury-New River Coal Co.....	Elmo.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2,540
Sunbury C. & C. Co.....	Sunnyside.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4,000
Michigan Coal Co.....	Michigan.....	.....	.....	.....	.....	.....	.....	.....	.....	3	12,956
Nuttallburg Coal Co.....	Nuttallburg.....	.....	.....	.....	.....	.....	.....	.....	.....	3	24,449
Rothwell Coal Co.....	Dubree.....	.....	.....	.....	.....	.....	.....	.....	.....	2	12,565
Paint Creek Collieries Co.....	Hickory Camp.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1,696
Eureka Colliery Co.....	Eureka Gas No. 13.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7,156
	Splint No. 14.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5,188
Mecca C. & C. Co.....	Mecca No. 2.....	.....	.....	.....	.....	.....	.....	.....	.....	3	29,526
The Carver Brothers Co.....	Diamond.....	.....	.....	.....	.....	.....	.....	.....	.....	3	20,270
The Mt. Carbon Co., Ltd.....	Vulcan & South.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3,378
Great Kanawha Colliery Co.....	Brewster.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1,618
	Edwards.....	.....	.....	.....	.....	.....	.....	.....	.....	1	61
	Rhinolias.....	.....	.....	.....	.....	.....	.....	.....	.....	5	28,638
Cardiff Coal Co.....	Kimberly.....	.....	.....	.....	.....	.....	.....	.....	.....	2	15,412
	Columbia.....	.....	.....	.....	.....	.....	.....	.....	.....	2	40,168
	Elk Ridge Nos. 1 & 2.....	.....	.....	.....	.....	.....	.....	.....	.....	4	985
South Side Co.....	South Side.....	.....	.....	.....	.....	.....	.....	.....	.....	1	12,894
The Goshen Iron Co.....	Elverton.....	.....	.....	.....	.....	.....	.....	.....	.....	6	64,300
The Low Moor Iron Co., of Va.....	Elverton.....	.....	.....	.....	.....	.....	.....	.....	.....	2	22,873
New River Collieries Co.....	Kay Moor No. 1.....	.....	.....	.....	.....	.....	.....	.....	.....	9	33,336
Ephraim Creek C. & C. Co.....	Brooklyn No. 6.....	.....	.....	.....	.....	.....	.....	.....	.....	9	33,336
	Buffalo.....	.....	.....	.....	.....	.....	.....	.....	.....	4	33,336

* Just being installed.

New Cedar Grove Coal & Brick Co.	Boyd	No. 1	6	2	3,300
Kelly's Creek Colliery Co.	No. 3	7	2	73,565	
	No. 3 ^{1/2}	1	3	101,850	
Hughes Creek Coal Co.	Hughston Nos. 2 and 3	1	3	130,039	
Cannelton Coal Co.	No. 2	14	2	55,607	
The Marmet Coal Co.	Monarch Nos. 1 and 2	4	2	74,396	
	Butler	4	2	28,051	
	No. 2	4	1	13,350	
	No. 5	1	3	479	
Black Band C. & C. Co.	No. 1	1	3	71,147	
	No. 2	7	2		
	No. 3	3	5		
	No. 5	5	12	31,124	
The Oleott Coal & Iron Co.	Gas	4	4	16,497	
Winifrede Coal Co.	South	5	5	18,887	
	North	7	7	48,608	
	West	1	1	8,228	
Coalburg Colliery Co.	Ronda	3	3	11,829	
Dry Branch Coal Co.	Peerless	2	2	25,399	
Wyatt Coal Co.	Belmont and Coalburg	4	4	54,396	
	Oakley	2	2	20,137	
	Berlin	3	3	23,328	
	South	1	1	56,666	
	North	3	3	1,776	
Persinger Coal Co.	Wake Forest	3	3	35,714	
Wake Forest M. Co.	No. 2	4	2	8,929	
The Holley & Stephenson C. & C. Co.	No. 5	2	2	2,679	
	No. 1	1	1	48,285	
LaMont Mining Co.	Nos. 1 and 3	3	3	35,714	
Carbon Coal Co.	North	3	3	48,702	
	South	3	3	50,240	
	No. 3	3	3	36,152	
	No. 1	2	2	33,171	
Republic Coal Co.	No. 2	3	3	43,750	
	No. 3	2	2	63,696	
West Virginia Colliery Co.	No. 1	4	4	24,604	
	No. 2	2	2	61,228	
	No. 3	2	2	36,218	
Cabin Creek Consolidated C. Co.	Acme	3	3	4,463	
	Keystone	2	2	15,830	
	Empire	4	4	32,241	
Buckeye		1	1	55,443	
Shamrock		5	5	589	
Belleclare		4	4	65,063	
Ruby		2	2	37,372	
Holly		5	5	15,152	
		2	2	49,989	

NUMBER AND KINDS OF MINING MACHINES IN USE IN THE STATE FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	Electrical Mine Machines.				Compressed Air Mine Machines.			Total No. of Machines.	Tons of coal produced by machines (Tons of 2,240 lbs.)
		Jeffrey.	Morgan-Machinery.	Goodman.	Sullivan.	Harrison.	Ingersoll-Hand.	Sullivan.		
<i>Kanawha County.—Cont'd.</i>										
Cabin Creek Consolidated Co.	Quarrier					6	2		8	68,876
"	Red Warrior		5							49,914
"	Cherokee	5							5	29,720
"	Davis	4	1						5	58,740
"	Galedonia	3	3						3	29,746
"	Thistle	2							4	15,390
"	Rose		2							4,824
"	Raccoon		2						2	32,271
"	United Gas		3						3	47,684
"	Splint		1						1	13,825
"	Kayford		4						4	105,451
Belmont Coal Co.	New Coalburg		5						5	4,101
Equitable Coal Co.	No. 8	2	5						7	59,554
Southwestern Splint Fuel Co.	Black Cat	2	2						4	20,124
Paint Creek Collieries Co.	Reynolds	3	3						3	33,144
"	Scranton	5	5						5	68,142
"	Paint Creek	5							5	55,899
"	Grose No. 2	1							1	6,318
"	Greenbrier No. 2	1							1	8,310
"	Greenbrier No. 3	2							2	23,729
"	Wacomah	3							3	7,060
"	Detroit					4			4	16,069
"	Morton					2			2	27,351
"	Banner No. 1	2							1	90,044
"	No. 2	1			2				5	35,918
Standard Splint & Gas Co.	Standard	3				6			6	41,878
Imperial Colliery Co.	No. 1		3	1					4	44,468
"	No. 2		3						3	25,866
"	No. 3		4						4	14,046
Chesapeake Mining Co.	No. 1	3							3	5,107
"	Nos. 2 & 3	1							2	29,464
Montgomery Coal Co.	Kanawha	1							1	
Morris Creek Coal Co.	Morris Creek	3							3	
Totals		125	175	25	8	44	5		382	3,272,386

<i>Mason County.</i>		Camden.....	5	35,958
Consumers C. & M. Co.....		Totals.....	5	35,958
<i>Nicholas County.</i>		Bell Creek.....	2	10,714
Bell Creek Coal Co.....		No. 1.....	1	1,786
The Columbus Coal Co.....		Cambria.....	2	4,705
Kentucky Coal & Lumber Co.....		Mt. Carmel.....	2	7,714
Paint Creek Collieries Co.....		Raven.....	2	5,807
		Totals.....	3	30,726
<i>Putnam County.</i>		Nos. 1 & 2.....	1	3,214
Black Betsy C. & M. Co.....		Totals.....	1	3,214
<i>Raleigh County.</i>		No. 3.....	5	19,691
Raleigh C. & C. Co.....		No. 1.....	1	1,854
McKell C. & Co.....		Oswald.....	2	1,000
Craberry Fuel Co.....		Skelton.....	2	2,504
Price Hill Fuel Co.....		Price Hill.....	3	25,000
		Totals.....	8	50,049
<i>Lincoln County.</i>		Lincoln No. 1.....	6	14,285
Branchland Coal Co.....		Totals.....	6	14,285
<i>Logan County.</i>		Monitor & Beechwood.....	1	69,833
The Monitor C. & O. Co.....		Gay.....	1	42,529
The Gay C. & O. Co.....		Draper.....	4	44,643
Draper C. & O. Co.....		Big Creek.....	2	5,357
Big Creek Coal Co.....		Island Creek No. 1.....	1	205,253
United States Coal & Oil Co.....		No. 2.....	1	224,465
Stone Branch Coal Co.....		Stone Branch.....	2	8,762
Logan Coal Co.....		No. 1.....	6	6,697
Yuma C. & O. Co.....		Yuma.....	2	12,925
Fort Branch Coal Co.....		Fort Branch.....	3	11,487
Gora C. & O. Co.....		Gora.....	2	6,250
Ethel Coal Co.....		Ethel.....	4	6,381
H. T. Wilson Coal Co.....		Wilson.....	2	3,571
		Totals.....	16	648,153

TABLE SHOWING THE COMPARATIVE STATEMENT OF THE COKE
PRODUCTION FOR 1906 AND 1907.

(Tons of 2,000 lbs.)

COUNTY.	1907	1906	Increase of 1907 over 1906	Decrease of 1907 under 1906
Marion	233,700	171,621	62,079	
Monongalia.....	113,031	58,264	54,767	
Barbour.....	34,030	12,579	21,451	
Harrison.....	22,390	768	21,622	
Taylor.....	1,747		1,747	
Upshur.....	2,100		2,100	
Preston.....	222,846	142,236	80,610	
Randolph.....	244,054	231,616	12,438	
Tucker.....	262,951	253,492	9,459	
Fayette.....	615,577	614,428	1,149	
Kanawha.....	18,287	31,527		13,240
McDowell.....	1,744,819	1,699,426	45,393	
Mercer.....	313,117	318,357		5,240
Totals.....	3,828,649	3,535,314	312,815	18,480

ORDER IN THE PRODUCTION OF COKE.

1897—1907.

COUNTIES.	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
McDowell.....	1	1	1	1	1	1	1	1	1	1	1
Fayette.....	2	2	2	2	2	2	2	2	2	2	2
Tucker.....	3	3	5	4	3	3	3	3	4	4	4
Mercer.....	5	4	3	5	4	5	5	4	3	3	3
Marion.....	4	5	4	3	5	4	4	5	6	7	6
Preston.....	7	6	6	6	9	9	8	7	7	7	7
Kanawha.....	6	7	8	7	6	7	10	10	9	9	11
Randolph.....				12	7	6	6	6	5	5	8
Monongalia.....	9	9	11	8	11	8	9	8	8	8	8
Harrison.....		10	10	9	10	10	7	11		11	10
Barbour.....		11	9	11	8	11	11	9	10	10	9
Raleigh.....	8	8	7	10							
Upshur.....											12
Taylor.....											13

NUMBER OF COKE OVENS NOT IN USE—1907.

COUNTY.	No. Coke Ovens not in use.	Field in which located.
Marion.....	281	Upper Monongahela.
Monongalia.....	118	" "
Harrison.....	182	" "
Taylor.....	18	" "
Upshur.....	8	" "
Preston.....	256	" "
Tucker.....	105	Upper Potomac.
Fayette.....	822	New River.
Raleigh.....	62	" "
McDowell.....	3,678	Pocahontas.
Mercer.....	672	" "
Total.....	6,202	

NUMBER OF COKE OVENS NOT IN USE—1907.

NAME OF COMPANY.	NAME OF MINE.	No. coke ovens not in use.
<i>Marion County.</i>		
Fairmont Coal Co.	Murray	50
" " "	Montana	6
" " "	Shaft	36
" " "	Monongah No. 6.	127
" " "	Pennois	12
" " "	Hutchinson	50
Total		281
<i>Monongalia County.</i>		
Opeliska Coal & Coke Co.	Opeliska	1
Fairmont Coal Co.	Beechwood	2
Connellsville Basin Coke Co.	Connellsville	115
Total		118
<i>Harrison County.</i>		
Fairmont Coal Co.	Gypsy	80
" " "	Meadow Brook	50
" " "	Globe	22
Fairmont & Baltimore Coal & Coke Co.	Fairmore	30
Total		182
<i>Taylor County.</i>		
Winona Coal & Coke Co.	Nos. 1 & 2	18
Total		18
<i>Upshur County.</i>		
Buckhannon River Coal Co.	Florence	8
Total		8
<i>Preston County.</i>		
Austen Coal & Coke Co.	Austin Nos. 1 & 2	30
Hamilton Coal & Coke Co.	Newburg Shaft	96
Gorman Coal & Coke Co.	No. 1	9
Orr Coal & Coke Co.	Vulcan	40
The Manufacturers Coal & Coke Co.	Victoria No. 2	64
Elkins Coal & Coke Co.	Bretz	17
Total		256
<i>Tucker County.</i>		
Davis Coal & Coke Co.	Nos. 23 & 34	4
" " "	No. 35	9
" " "	No. 37	82
Cumberland Coal Co.	Nos. 3 & 4	10
Total		105
<i>Fayette County.</i>		
Sunday Creek Co.	No. 112	50
" " "	Nos. 114 & 114x	5
" " "	No. 115	11
The Gauley Mountain Coal Co.	Nova Scotia	2
Gaymont Colliery Co.	Gaymont	24
Sunbury Coal & Coke Co.	Sunnyside	18
Nuttallburg Coal & Coke Co.	Nuttallburg	85
Fire Creek Coal & Coke Co.	Fire Creek	42
Beury Bros. Coal & Coke Co.	Echo	50
St. Clair Colliery Co.	Eagle No. 1	24
W. R. Johnson	Eagle No. 1	73
The Mt. Carbon Co. Ltd.	Vulcan & South	11
Loup Creek Colliery Co.	Ansted	24
The Low Moor Iron Co. of Va.	Kaymoor No. 1	35
New River Collieries Co.	Red Ash No. 5	80
" " "	Sun Nos. 1, 2 & 3	120
Stone Cliff Coal & Coke Co.	Stone Cliff	30
Beechwood Coal & Coke Co.	No. 1	8
Quinnimont Coal Co.	Big Q	33
Greenwood Coal Co.	Greenwood	46

NUMBER OF COKE OVENS NOT IN USE—1907.

NAME OF COMPANY.	NAME OF MINE.	No. coke ovens not in use.
<i>Fayette County. Cont'd.</i>		
Harvey Coal & Coke Co.....	Harvey.....	20
Collins Colliery Co.....	Collins Nos. 1 & 2.....	21
The Turkey Knob Coal Co.....	Turkey Knob.....	10
Total.....		822
<i>Raleigh County.</i>		
Raleigh Coal & Coke Co.....	No. 3.....	62
Total.....		62
<i>McDowell County.</i>		
Algoma Coal & Coke Co.....	Piney & North Fork.....	135
Gilliam Coal & Coke Co.....	Gilliam.....	97
Roanoke Coal & Coke Co.....	Roanoke.....	31
Indian Ridge Coal & Coke Co.....	Indian Ridge.....	90
Arlington Coal & Coke Co.....	Arlington.....	68
Greenbrier Coal & Coke Co.....	Greenbrier.....	100
McDowell Coal & Coke Co.....	McDowell.....	100
Ashland Coal & Coke Co.....	Ashland Nos. 1 & 2.....	279
Pocahontas Cons. Collieries Co.....	Norfolk & Angle.....	174
.....	Lick Branch.....	18
.....	Delta.....	20
.....	Shamokin.....	209
.....	Oherokee.....	128
Elkhorn Coal & Coke Co.....	Elkhorn.....	24
The Tidewater Coal & Coke Co.....	Tidewater.....	220
Bottom Creek Coal & Coke Co.....	Bottom Creek.....	120
Peerless Coal & Coke Co.....	Peerless.....	144
The Empire Coal & Coke Co.....	Empire.....	100
Shawnee Coal & Coke Co.....	Shawnee.....	88
Eureka Coal & Coke Co.....	Eureka.....	60
Pulaski Iron Co.....	Pulaski.....	50
Keystone Coal & Coke Co.....	Keystone Nos. 1 & 2.....	116
Lynchburg Coal & Coke Co.....	Lynchburg.....	69
Powhatan Coal & Coke Co.....	Powhatan.....	89
Upland Coal & Coke Co.....	Nos. 1 & 2.....	39
Crozer Coal & Coke Co.....	No. 1.....	139
Turkey Gap Coal & Coke Co.....	Turkey Gap.....	15
United States Coal & Coke Co.....	No. 1.....	53
.....	No. 2.....	71
.....	No. 3.....	126
.....	No. 4.....	32
.....	No. 5.....	3
.....	No. 6.....	69
.....	No. 7.....	67
.....	No. 8.....	35
Oregon Coal Co.....	McClaren.....	350
Black Wolf Coal & Coke Co.....	No. 4.....	150
Total.....		3,678
<i>Mercer County.</i>		
Mill Creek Coal & Coke Co.....	Mill Creek.....	65
Coaldale Coal & Coke Co.....	Coaldale.....	80
Buckeye Coal & Coke Co.....	Buckeye.....	107
Pocahontas Cons. Collieries Co.....	Caswell Creek.....	141
Booth-Bowen Coal & Coke Co.....	Booth-Bowen.....	97
Louisville Coal & Coke Co.....	Louisville Nos. 1, 2 & 3.....	105
Pinnacle Coal & Coke Co.....	Goodwill & Baby.....	2
Crane Creek Coal & Coke Co.....	South & North.....	4
Crystal Coal & Coke Co.....	Nos. 1 & 2.....	65
Thomas Coal Co.....	Crystal.....	6
Total.....	Thomas.....	672

COUNTY.

PRODUCTION OF COKE BY COUNTIES FOR THE YEAR ENDING JUNE 30TH, 1907.

COUNTY.	No. of coke plants reported.	Total tons of coal used in ovens. (Tons of 2,000 lbs.)	Total tons of coke produced. (Tons of 2,000 lbs.)	Percentage of yield.	Total No. of coke ovens reported.	Total No. of coke ovens not in use.	Average No. of coke ovens operated during the year.		Average No. of days ovens were operated.	No. of men employed on ovens.
							In county.	Per plant.		
Marion.....	10	379,114	233,700	61.64	826	281	545	79	279	155
Monongalia.....	4	185,367	113,031	60.97	441	118	323	114	272	128
Barbour.....	3	51,649	34,030	65.88	227	67	227	49	198	67
Harrison.....	6	38,123	22,390	58.73	262	182	80	43	225	40
Taylor.....	1	2,825	1,747	61.83	30	18	12	12	129	5
Upshur.....	1	3,753	2,100	55.80	32	8	24	24	42	8
Preston.....	8	371,523	222,846	59.98	876	256	620	136	287	216
Randolph.....	4	338,805	244,054	68.02	520	103	320	147	269	127
Tucker.....	5	441,761	262,951	59.52	717	103	612	118	246	193
Fayette.....	32	1,033,202	615,577	57.58	3,200	822	2,378	107	253	739
Kanawha.....	1	30,200	18,287	60.55	90	62	90	90	225	20
Raleigh.....	1	2,800,166	1,744,819	62.31	62	62	.....	.....	.....	.....
McDowell.....	40	582,390	313,117	58.81	1,846	3,678	6,134	163	290	2,604
Mercer.....	10	.....	.....	.....	.....	672	1,174	120	278	467
Totals.....	125	6,228,888	3,828,649	61.11	18,941	6,202	12,739	103	257	4,800

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF COUNTY.	NAME OF MINE.	Tons of coal used in ovens (tons of 2,000 lbs.)	Tons of coke pro- duced (tons of 2,000 lbs.)	No. of coke ovens re- ported.	Average No. ovens used per plant.	Average No. days ovens per- worked.
<i>Marion County.</i>						
Fairmont Coal Co.	Murray	25,258	15,754	96	46	215
"	Montana	117,516	70,509	150	144	305
"	Shaft			36		
"	Monongah No. 6	46,715	30,515	227	100	240
"	" No. 8	72,797	43,576	98	38	250
"	Penns.			12		
"	Hutchinson			50		
"	King	37,328	24,596	67	67	200
The Virginia & Pittsburg Coal & Coke Co.	Chatham No. 1	44,097	26,248	50	50	315
Georges Creek Coal & Iron Co.		34,403	22,702	40	40	287
Federal Coal & Coke Co.	Federal No. 1					
Totals		379,114	233,700	826	79	279
<i>Monongalia County.</i>						
Opeliska Coal & Coke Co.	Opeliska	11,726	6,622	20	19	
Fairmont Coal Co.	Beechwood	19,965	11,979	46	44	147
Elkins Coal & Coke Co.	Richard	100,488	59,860	150	150	315
Connellsville Basin Coke Co.	Connellsville	53,188	34,570	225	110	255
Totals		185,367	113,031	441	114	272
<i>Barbour County.</i>						
Davis Colliery Co.	No. 4	23,166	16,205	51	51	283
Philippi Collieries Co.	No. 5	16,598	11,100	50	50	
Miller Coal & Coke Co.	Sara	885	525	25	25	25
Midland Coal & Coke Co.	Midland	11,000	6,200	101	101	1
Totals		51,649	34,030	227	49	198
<i>Harrison County.</i>						
Fairmont Coal Co.	Enterprise	25,959	15,575	60	60	240
"	Gypsy			80		
"	Meadowbrook			50		
"	Globe			22		
Fairmont & Balto. C. & C. Co.	Fairmore			30		
Hutchinson Fuel & Supply Co.	Hutchinson	12,164	6,815	20	20	180
Totals		38,123	22,390	262	43	225

<i>Taylor County.</i>		Nos. 1 & 2	2,825	1,747	30	12	129
Winona Coal & Coke Co.			2,825	1,747	30	12	129
Totals							
<i>Upshur County.</i>		Florence	3,763	2,100	32	24	62
Buckhannon River Coal Co.			3,763	2,100	32	24	62
Totals							
<i>Preston County.</i>		Austen No. 1	91,468	88,861	250	220	297
Austen Coal & Coke Co.		No. 2	45,300		96		
Hamilton Coal & Coke Co.		Newburg Shaft					
Gorman Coal & Coke Co.		No. 1	22,093	13,453	40	40	246
Oakland Coal & Coke Co.		No. 2	13,714	7,316	50	50	200
Orr Coal & Coke Co.		Corinth	32,503	30,925	100	60	200
The Manufacturer's Coal & Coke Co.		Vulcan	145,935	82,261	64		315
Elkins Coal & Coke Co.		Victoria No. 2			267	250	
Totals		Bretz	371,523	222,846	876	136	287
<i>Randolph County.</i>		No. 1	132,076	92,420	200	200	283
Davis Colliery Co.		No. 3	48,520	31,950	85	85	237
Davis Coal & Coke Co.		No. 1	117,139	70,697	150	150	
Totals		No. 2	61,070	30,987	85	85	
<i>Tucker County.</i>		No. 23	52,725	31,384	114	110	263
Davis Coal & Coke Co.		No. 34	37,415	22,270	59	50	262
"		No. 35	46,612	27,745	147	147	262
"		No. 36	30,923	31,120	232	170	200
"		No. 37	128,760	76,643	145	135	
Cumberland Coal Co.		Nos. 3 & 4	85,326	50,789	717	118	246
Totals			441,761	262,951	102	102	45
<i>Warette County.</i>		No. 111	12,263	6,677	50	110	233
Sunday Creek Co.		No. 112	81,607	42,049	115	135	235
"		Nos. 114 & 114X	111,350	71,591	166	84	30
"		No. 115	48,158	32,147	152	150	36
The Columbus Iron & Steel Co.		No. 1	65,026	38,032			
The Gauley Mountain Coal Co.		Nova Scotia					

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE	Tons of coal used in ovens (tons of 2,000 lbs.)	Tons of coke produced (tons of 2,000 lbs.)	No. of coke ovens reported.	Average No. ovens used per plant.	Average No. days ovens were operated.
<i>Fayette County—Cont'd.</i>						
The Fayette Coal & Coke Co.	Fayette	2,822	1,700	12	12	140
Gaymont Colliery Co.	Gaymont	.....	.....	24	.....	.....
Sunbury Coal & Coke Co.	Sunnyside	.....	.....	18	.....	.....
Nuttallburg Coal & Coke Co.	Nuttallburg	.....	.....	85	.....	.....
Fire Creek Coal & Coke Co.	Fire Creek	14,704	8,510	98	56	228
Beury Bros. Coal & Coke Co.	Echo	.....	.....	50	.....	.....
St. Clair Colliery Co.	Eagle No. 1	29,341	17,021	84	60	304
The Carver Bros. Co.	No. 1 and Eagle	34,215	20,048	79	79	260
W. R. Johnson	Eagle No. 1	9,655	6,027	110	37	170
.....	No. 2 Gas	1,247	.....	.....	.....	.....
The Mt. Carbon Coal Co., Ltd.	Vulcan & South	81,004	50,556	202	191	312
Great Kanawha Colliery Co.	Brewster	36,897	15,652	69	69	290
.....	Rhinolas	279	.....	.....	.....	.....
Loup Creek Colliery Co.	Eagle & Ansted	220,657	134,561	505	481	310
The Goshen Iron Co.	Elverton	5,494	2,874	39	39	90
The Low Moor Iron Co., of Va.	Kay Moor No. 1	65,632	39,377	145	110	260
New River Collieries Co.	Brooklyn No. 6	19,438	11,582	64	64	365
.....	Red Ash No. 5	.....	.....	80	.....	.....
.....	Rush Run No. 4	20,101	11,304	92	92	365
.....	Sun Nos. 1, 2 & 3	.....	.....	120	.....	.....
Stone Cliff Coal & Coke Co.	Stone Cliff	7,368	4,215	30	30	200
Beechwood Coal & Coke Co.	No. 1	5,762	3,460	31	23	190
Quinnimont Coal Co.	Big Q	14,764	8,289	98	65	175
Greenwood Coal Co.	Greenwood	.....	.....	46	.....	.....
Harvey Coal & Coke Co.	Harvey	38,798	20,784	100	80	245
Collins Colliery Co.	Collins Nos. 1 & 2	44,432	23,893	100	79	313
Macdonald Colliery Co.	Macdonald	38,726	23,434	120	120	.....
The Turkey Knob Coal Co.	Turkey Knob	19,162	11,054	100	90	300
Totals		1,034,202	615,477	3,200	107	253
<i>Kanawha County,</i>						
Cannelton Coal Co.	No. 2	30,200	18,287	90	90	225
Totals		30,200	18,287	90	90	225
<i>Raleigh County,</i>						
Raleigh Coal & Coke Co.	No. 3	.....	.....	62	.....	.....
Totals		.....	.....	62	.....	.....

McDowell County.

Algoma Coal & Coke Co.	41,893	23,214	225	90	300
Gilliam Coal & Coke Co.	58,402	32,591	217	120	239
Roanoke Coal & Coke Co.	34,877	23,253	134	103	273
Indian Ridge Coal & Coke Co.	34,586	23,053	200	110	239
Arlington Coal & Coke Co.	39,109	21,825	158	90	230
Greenbrier Coal & Coke Co.	52,550	31,281	200	100	300
McDowell Coal & Coke Co.	38,733	25,820	200	100	313
Ashland Coal & Coke Co.	85,361	50,810	410	131	313
Elk Ridge Coal & Coke Co.	56,472	32,690	200	200	260
Pocahontas Consolidated Collieries Co.	208,538	116,380	514	240	292
Elk Ridge Coal & Coke Co.	73,059	44,137	155	140	243
Delta	39,760	23,185	120	100	146
Shamokin	107,738	60,120	389	180	243
Oherokee	73,761	49,396	178	146	268
Elkhorn	26,211	17,474	300	80	231
Tidewater	31,217	31,217	290	100	300
Bottom Creek	44,435	29,924	254	110	246
Peerless	53,622	29,924	254	110	246
The Empire Coal & Coke Co.	58,196	44,997	250	150	365
Shawnee Coal & Coke Co.	43,803	24,444	188	100	230
Eureka	43,568	27,200	200	140	265
Pulaski Iron Co.	151,771	84,691	260	210	311
Keystone Coal & Coke Co.	37,023	19,505	211	95	313
Lynchburg Coal & Coke Co.	50,176	32,900	214	145	365
Powhatan Coal & Coke Co.	56,818	32,822	225	136	190
Upland Coal & Coke Co.	89,038	47,043	232	193	313
Houston Coal & Coke Co.	92,471	57,796	230	230	313
Grozier Coal & Coke Co.	99,328	58,472	354	215	313
Turkey Gap Coal & Coke Co.	111,091	61,469	240	225	306
United States Coal & Coke Co.	137,156	81,635	350	297	306
United States Coal & Coke Co.	139,279	101,793	380	289	306
United States Coal & Coke Co.	88,177	66,153	300	174	306
United States Coal & Coke Co.	70,750	48,240	299	117	235
United States Coal & Coke Co.	55,160	40,748	102	99	306
United States Coal & Coke Co.	126,883	91,075	308	239	306
United States Coal & Coke Co.	150,516	105,035	360	293	306
United States Coal & Coke Co.	65,814	42,941	172	137	306
United States Coal & Coke Co.	62,720	38,000	500	150	312
United States Coal & Coke Co.	3,360	2,000	* 150	200	45
Totals	2,800,166	1,744,819	9,812	163	280

Mercer County.

Mill Creek Coal & Coke Co.	63,356	41,473	215	150	300
Coaldale Coal & Coke Co.	19,240	12,026	140	60	235
Buckeye Coal & Coke Co.	46,394	23,893	172	65	304

*Just fired.

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF COMPANY.	NAME OF MINE.	Tons of coal used in ovens (tons of 2,000 lbs.)	Tons of coke produced (tons of 2,000 lbs.)	No. of coke ovens reported.	Average No. ovens used for plant.	Average No. days ovens were operated.
<i>Mercer County.—Cont'd.</i>						
Pocahontas Consolidated Collieries Co.....	Caswell Creek.....	63,818	25,614	231	90	243
Booth-Bowen Coal & Coke Co.....	Booth-Bowen.....	51,899	28,961	177	80	210
Louisville Coal & Coke Co.....	Louisville Nos. 1, 2 and 3.....	47,960	28,819	225	120	313
Pinnaele Coal & Coke Co.....	Goodwill & Baby.....	82,457	57,104	200	198	280
Grane Creek Coal & Coke Co.....	South & North.....	81,793	39,871	200	196	280
Crystal Coal & Coke Co.....	Nos. 1 and 2.....	30,072	17,030	140	75	270
Thomas Coal Co.....	Crystal.....	42,401	28,306	146	140	230
Thomas Coal Co.....	Thomas.....					
Totals.....		532,330	313,117	1,846	120	278

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1907.

COUNTY.	EMPLOYEES.					OUTSIDE.					SUM TOTAL.
	No. of Mines Producing Coal.	Avg. No. of Days were Operated.	No. of Coke Plants Operated.	Avg. No. of Days Ovens were Operated.	INSIDE.			Total.			
					Pick Miners.	Ma- chine Miners.	Ma- chine Runners and Helpers.	Labor- ers.	Total.		
Brooke.....	6	272	.....	.....	166	273	52	85	576	75	651
Hancock.....	3	276	.....	.....	15	35	8	15	73	21	94
Marion.....	23	239	7	279	965	839	243	907	2,854	690	3,809
Monongalia.....	6	282	3	272	142	126	22	78	368	128	553
Marshall.....	6	240	.....	.....	109	301	46	97	553	79	632
Ohio.....	9	243	.....	.....	77	82	10	118	287	28	315
Barbour.....	17	262	3	49	235	289	67	250	841	175	1,083
Gilmer.....	.....	.....	.....	.....	3	.....	.....	2	5	2	7
Harrison.....	42	233	2	225	583	1,141	309	817	2,850	549	3,439
Lewis.....	1	162	.....	.....	14	.....	.....	3	17	4	21
Taylor.....	9	203	1	129	265	56	7	88	416	93	514
Upshur.....	4	218	1	62	87	16	6	77	228	28	113
Grant.....	2	257	.....	.....	85	80	28	51	244	41	285
Mineral.....	16	252	.....	.....	535	25	4	94	653	95	753
Preston.....	19	273	5	287	551	354	82	309	1,296	169	1,681
Randolph.....	6	272	2	269	317	5	2	95	419	70	616
Tucker.....	11	265	5	246	593	115	24	262	994	122	1,309
Braxton.....	2	234	.....	.....	51	.....	.....	15	66	10	76
Clay.....	4	204	.....	.....	58	20	6	21	105	25	130
Fayette.....	132	225	24	253	4,900	1,446	398	2,632	9,346	1,420	11,505
Kanawha.....	130	203	1	223	1,295	2,608	614	1,633	6,210	944	7,174
Mason.....	6	203	.....	.....	148	40	12	25	225	31	256
Nicholas.....	8	168	.....	.....	65	51	14	28	158	35	193
Putnam.....	10	260	.....	.....	525	.....	2	284	811	189	1,000
Greenbrier.....	1	259	.....	.....	20	.....	.....	5	25	5	30
Raleigh.....	27	216	.....	.....	1,020	38	12	427	1,497	221	1,718
Lincoln.....	4	288	.....	.....	4	15	8	5	32	7	39
Logan.....	17	204	.....	.....	128	482	104	233	947	133	1,080
Mingo.....	42	217	.....	.....	615	784	259	641	2,299	325	2,624
Wayne.....	1	285	.....	.....	29	.....	.....	6	35	2	37
McDowell.....	87	246	39	280	4,667	420	175	2,705	7,967	1,371	11,942
Mercer.....	24	263	10	278	1,070	93	30	603	1,796	323	2,586
Totals.....	674	234	103	257	19,287	9,734	2,514	12,612	44,147	7,309	56,265
Totals for 1906.....	622	231	102	254	19,132	8,712	2,143	10,878	40,865	6,531	51,769

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	NAME OF COMPANY.	EMPLOYEES.										Ave. No. of days mines were operated.	Ave. No. of days ovens were operated.	Ave. No. of ovens in plant.	No. of Horses & Mules inside.		
		INSIDE.					OUTSIDE.										
		Pick Min- ers.	Ma- chine Min- ers.	Ma- chine Run- ners and Hel-pers.	Labor- ers.	Total	Labor- ers.	Coke Work- ers.	Total	SUM TOTAL.							
<i>Brooke County.</i>																	
Gilchrist.....	A. Gilchrist & Sons' Coal Co.	50	.....	.....	5	55	6	.....	6	61	295	.....	.....	.....	.....	.....
Lewis No. 1.....	The LaBelle Coal Co.	40	.....	6	8	54	6	.....	6	60	280	.....	.....	.....	.....	5
Beech Bottom No. 1.....	The LaBelle Coal Co.	37	33	6	10	86	9	.....	9	95	234	.....	.....	.....	.....	2
Locust Grove.....	Lewis-Findley Coal Co.	75	70	14	30	189	35	.....	35	224	311	.....	.....	.....	.....	15
La Belle Shaft.....	La Belle Iron Works.	70	70	18	16	104	7	.....	7	111	281	.....	.....	.....	.....	.....
No. 1.....	Rex Carbon Coal Co.	4	69	8	16	88	12	.....	12	100	196	.....	.....	.....	.....	7
Totals.....		166	273	52	85	576	75	.....	75	651	272	.....	.....	.....	.....	36
<i>Hancock County.</i>																	
Porter No. 1.....	M. M. Oullen.....	6	.....	.....	2	8	7	.....	7	15	300	.....	.....	.....	.....	2
No. 4.....	The Marquet Coal Co.	2	35	8	9	54	13	.....	13	67	280	.....	.....	.....	.....	5
No. 5.....		7	.....	.....	4	11	1	.....	1	12	240	.....	.....	.....	.....	2
Totals.....		15	35	8	15	73	21	.....	21	94	276	.....	.....	.....	.....	9
<i>Marion County.</i>																	
Murray.....	Fairmont Coal Co.	25	19	12	20	76	20	17	37	113	269	215	46	11	.....	.....
Montana.....	"	34	42	12	60	148	52	60	112	260	262	305	144	38	.....	.....
Shaft.....	"	55	70	18	70	213	50	.....	50	263	215	.....	.....	33	.....	.....
New England.....	"	60	80	20	60	220	85	.....	85	305	229	.....	.....	20	.....	.....
Gaston.....	"	15	65	15	40	135	35	.....	35	170	212	.....	.....	18	.....	.....
Monongah Nos. 2, 3 & 5.....	"	52	50	12	60	174	100	.....	100	274	202	.....	.....	.....	.....	.....
No. 6.....	"	52	62	14	70	198	30	34	64	262	237	240	100	.....	.....	.....
No. 8.....	"	76	44	14	80	214	40	30	70	284	227	260	98	.....	.....	.....
Pennois.....	"	77	.....	.....	40	117	17	.....	17	134	227	.....	.....	9	.....	.....
Marion.....	"	3	.....	.....	2	5	.....	.....	2	7	173	.....	.....	.....	.....	.....
Anderson.....	"	60	25	4	50	139	30	.....	30	169	241	.....	.....	21	.....	.....
Highland.....	"	100	18	4	65	187	27	.....	27	214	203	.....	.....	24	.....	.....
Middleton.....	"	25	42	8	34	109	23	.....	23	132	238	.....	.....	16	.....	.....
Chiefton.....	"	32	53	12	42	139	21	.....	21	160	242	.....	.....	18	.....	.....
Hutchinson.....	"	20	25	4	12	61	10	.....	10	71	116	.....	.....	7	.....	.....
King.....	The Va. & Pitts. C. & O. Co.	145	.....	.....	46	191	32	17	49	240	235	300	67	18	.....	.....
Chatham.....	Georges Creek C. & I. Co.	80	135	45	70	330	35	25	60	390	291	315	50	27	.....	.....
Federal No. 1.....	Federal Coal & Coke Co.	30	45	20	35	130	13	12	25	155	260	287	40	13	.....	.....
Stafford.....	New Central Coal Co.	1	40	25	28	94	18	.....	18	112	215	.....	.....	12	.....	.....
Kilarn.....	Kilarn Coal & Coke Co.	3	24	4	20	51	16	.....	16	67	271	.....	.....	6	.....	.....

		20	889	243	3	23	4	195	4	27	239	279	79	2
Parker Run		905	889	243	907	2,954	660	195	855	3,809	239	279	79	296
Totals		905	889	243	907	2,954	660	195	855	3,809	239	279	79	296
<i>Monongalia County.</i>														
Opekiska.....	Opekiska Coal & Coke Co.	17	25	6	11	28	5	6	11	39	278	19	7	7
Beechwood.....	Fairmont Coal Co.	60	30	4	14	65	12	17	29	94	269	147	44	8
Richard.....	Elkins Coal & Coke Co.	20	30	4	14	108	11	60	71	79	315	315	150	1
Sabraton.....	Connellsville Basin Coke Co.	10	30	4	6	50	9	45	9	59	315	265	110	5
Connellsville.....	Connellsville Basin Coke Co.	30	41	8	32	111	18	45	63	174	265	265	110	1
Great Scott.....	The Great Scott C. & C. Co.	5			1	6	2		2	8	250	250		
Totals		142	126	22	78	368	57	128	185	553	282	272	114	22
<i>Marshall County.</i>														
Hitchman.....	Hitchman Coal & Coke Co.		170	24	30	224	26		26	250	305			16
Boggs Run.....	Boggs Run Mining & Mfg. Co.	45			13	58	7		7	65	204			6
Benwood.....	Wheeling Steel & Iron Co.	10	60	10	21	101	15		15	116	295			3
Glendale.....	Glendale Coal Co.		50	8	15	73	12		12	85	290			7
Mound City Shaft.....	Clearfield & Ohio River C. Co.	42	21	4	12	49	7		7	56	250			8
Glen Easton.....	Glen Easton Coal & Coke Co.	42			6	48	12		12	60				
Totals		109	301	46	97	553	79		79	632	240			40
<i>Ohio County.</i>														
Central.....	Jochum & Co.	2				2	1		1	3	300			1
Richland.....	Richland Coal Co.	4	60	8	78	150	11		11	161	275			8
Elm Grove.....	Elm Grove Coal Co.	11	22	2	4	39	4		4	43	155			2
Manchester.....	Reynolds Brewing Co.	7			3	10	1		1	11	310			3
Wheeling Steam.....	Wheeling Steam Coal Co.	20			24	44	4		4	48	200			2
La Belle Drift.....	La Belle Iron Works	4			3	7				7	250			1
Carter.....	Whitaker-Glessner Co.	18			6	24	6		6	30	260			6
Oreighton.....	J. S. Oreighton	6			6	6	1		1	7	165			
Storch.....	Peter Storch & Sons	5				5				5				1
Totals		77	82	10	118	287	28		28	315	243			24
<i>Barbour County.</i>														
No. 4.....	Davis Colliery Co.	57	50	10	16	73	10	10	20	93	234	283	51	12
Nos. 1, 2, 3 and 4.....	Philippi Collieries Co.		20	2	20	80	20		20	100				12
No. 5.....	Tygart's River Coal Co.		24	6	12	28	25	20	45	73			50	4
Arden.....	Southern C. & T. Co.		77	18	103	225	8		8	50	180			12
Berryburg.....	Laurel Creek Coal Co.	27			5	20	48		48	273	258			27
Laurel Creek.....	Century Coal Co. of W. Va.	15	68	18	49	202	2		2	22	295			5
Century No. 1.....	Grafton Fuel Co.	67			3	13	23		23	225	292			19
Century No. 2.....	The Penn. Coal & Mining Co.	10	14	5	3	36	4		4	40	275			3
Lillian.....	Davis Coal & Coke Co.	12			5	22	4		4	26	300			3
Adama.....		20			2	20	1		1	21	288			2
No. 3.....		15			5	20	1		1	21	288			2
No. 4.....			4	2	6	12	2		2	14	243			2

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	NAME OF COMPANY.	EMPLOYEES.						SUM Total.	Ave. No. of days mines were operated.	Ave. No. of days ovens were operated.	Ave. No. of ovens in operation per plant.	No. of horses & mules inside.
		INSIDE.			OUTSIDE.							
		Pick Mi- ners.	Ma- chine Mi- ners.	Ma- chine Runners and Helpers.	Labor- ers.	Total.	Labor- ers.						Coke Work- ers.	Total.
Sara	Barbour County.—Cont'd.	2	10	2	3	17	12	7	19	36	25	1
Midland	Miller Coal & Coke Co.	10	22	4	15	51	16	30	46	97	101	4
Totals	Midland Coal & Coke Co.	235	289	67	250	841	175	67	242	1,083	49	106
Gilmer No. 1	Gilmer County.	3			2	5	2		2	7		1
Totals	The Cosmopolitan O. & C. Co.	3			2	5	2		2	7		1
Pinnickinnick	Harrison County.	35	127	16	48	226	31		31	257	259	25
Fall Run	Clarksburg Fuel Co.	2	29	8	22	61	12		12	73	230	13
Dixie	" "	12			6	18	3		3	21	237	3
Two Lick	" "	12	42	8	18	80	15		15	95	237	8
Interstate	" "		40	16	18	74	14		14	88	249	10
O'Neil	" "		40	20	20	80	18		18	98	247	14
Enterprise	Fairmont Coal Co.	38	41	14	48	141	33	28	61	202	240	
Viropa	" "	4	30	6	28	68	11		11	70	204	15
Ehlen	" "	11	40	10	30	91	22		22	113	223	17
Solon	" "	7	24	8	22	61	16		16	77	190	12
Gypsy	" "	8	50	24	53	135	44		44	179	239	15
Mendowbrook	" "	14	29	4	74	121	20		20	141	220	10
Globe	" "	1	17	4	18	40	13		13	53	216	11
Dunham	" "	5	30	6	15	56	15		15	71	224	12
Lynch	" "	6	13	2	9	30	4		4	34	246	5
West Fork	" "	7			5	12	2		2	14	144	2
Reynoldsville	" "	18			8	26	5		5	31	236	5
Columbia	" "	26	28	10	30	94	24		24	118	251	16
Ocean	" "	31	30	12	33	106	23		23	129	246	15
Riverdale	" "	7	18	3	11	39				39	212	8
Perry	" "	23	40	14	24	101	15		15	116	256	10
Coaling Station	Pittsburg & Fairmont F. Co.	11	21	8	10	50	7		7	57	256	7

Pittsburg & Fairmont F. Co.	16	38	10	20	84	17	101	257	.....	16
Lucas	3	30	8	14	55	7	62	250	.....	16
Fairmont & Balto. C. & C. Co.	60	.....	.....	22	82	9	91	175	.....	14
Cook Coal & Coke Co.	7	30	6	20	63	13	76	.....	.....	8
Meadow Brook C. & C. Co.	.....	35	12	12	59	11	70	185	.....	8
Madeira-Hill-Clark Coal Co.	30	80	22	3	134	22	176	245	.....	20
Goff	20	.....	.....	3	23	3	26	258	.....	2
New Chieftain & Randolph	2	38	12	25	77	20	97	175	.....	10
Cook & Hart Coal Co.	15	.....	.....	4	19	.....	19	100	.....	5
Rosebud	.....	17	.....	4	21	.....	26	.....	.....	3
Hutchinson	.....	30	8	10	48	10	70	220	.....	6
Hutchinson Fuels Supply Co.	.....	32	10	15	57	12	69	215	.....	6
Phoenix	.....	32	10	20	74	15	89	246	.....	10
O'Garra Coal Mining Co.	12	30	6	18	66	12	78	191	.....	10
Marshall	8	30	10	18	94	19	113	184	.....	10
Pitcairn Coal Co.	20	50	6	6	40	8	48	170	.....	2
Harold	22	10	2	15	55	10	65	.....	.....	10
Corona Coal & Coke Co.	40	.....	.....	2	27	.....	27	175	.....	3
Short Line Coal Co.	.....	.....	.....	.....	3	.....	3	.....	.....	4
National	25	.....	.....	5	30	5	35	240	.....	1
Fayette Coal Co.	25	.....	.....	2	9	4	13	.....	.....	397
Central Fairmont Coal Co.	7	.....	.....	.....	.....	.....	.....	.....	.....	1
Jane Lew Coal Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Totals	583	1,141	309	817	2,850	549	3,439	233	225	43
Lewis County.										
Jacksonville Coal & Coke Co.	14	.....	.....	3	17	4	21	162	.....	10
Totals	14	.....	.....	3	17	4	21	162	.....	3
Taylor County.										
Grafton Coal & Coke Co.	50	.....	.....	12	62	8	70	225	.....	8
Flemington	30	30	3	19	82	26	108	200	.....	26
L. B. Brydon	10	.....	.....	2	14	2	2	238	.....	10
Davis Coal Mining Co.	30	.....	.....	7	37	9	46	240	.....	2
No. 41	60	.....	.....	19	79	16	95	206	.....	4
Rosemont	65	.....	.....	14	79	11	90	217	.....	8
Maryland Coal Co.	5	26	4	8	43	18	61	160	.....	11
The Cecil Coal & Coke Co.	12	.....	.....	5	5	3	5	.....	.....	6
Winona Coal and Coke Co.	3	.....	.....	2	14	.....	22	156	129	12
No. 2	.....	.....	.....	.....	3	.....	3	120	.....	4
Totals	265	56	7	88	416	93	514	203	129	12
Upshur County.										
Penco	23	.....	.....	6	29	14	43	175	.....	47
Nos. 1 & 2	2	16	6	9	33	12	45	310	.....	175
Florence	12	.....	.....	3	15	2	25	99	62	24
Buckhannon River Coal Co.	.....	.....	.....	.....	.....	8	.....	.....	.....	2
Totals	37	16	6	18	77	28	113	218	62	24

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.,	NAME OF COMPANY.	EMPLOYEES.										Ave. No. of days mines were operated.	Ave. No. of days ovens were operated.	Ave. No. of ovens in operation per plant.	No. of Horses & Mules inside.
		INSIDE.					OUTSIDE.								
		Pick Min- ers.	Ma- chine Min- ers.	Ma- chine Runners and Helpers.	Labor- ers.	Total	Labor- ers.	Coke Work- ers.	Total.	SUM TOTAL.					
No. 22	Grant County. Davis Coal & Coke Co.	80	28		40	148	35		35	183				17	
Buffalo Creek	Buffalo Creek Cumberland Coal Co.	85			11	96	6		6	102				10	
Totals.		85	80	28	51	244	41		41	285				27	
No. 14	Mineral County. Davis Coal & Coke Co.	17			6	23	5		5	28				4	
No. 20	"	60			12	72	7		7	79				10	
No. 9	"	126			10	136	15		15	151				11	
No. 6	"	30			4	34	4		4	38				5	
No. 19	"	16			5	21	9		9	30				3	
No. 50	"	26			5	31	4		4	35				5	
No. 51	"	36			8	44	4		4	48				6	
Smith Virginia.	Smith Coal Co.	40			7	47	7		7	54				4	
Big Vein	Piedmont & Potomac C. Co. The Big Vein Coal Co. of W. Va.	24			8	32	1		1	33				5	
Taylor.	Taylor Coal Co.	36			3	39	16		16	55					
Hampshire	Masteller Coal Co.	6				6				6					
New Creek	"	49			7	56	4		4	60					
Oakmont	"	18			3	21	3		3	24					
Gleason	Abrams Creek Coal & Coke Co.	5	25	4	8	42	6		6	48					
Sava.	Gleason Coal & Coke Co.	30			6	36	6		6	42					
	Glade Run Coal & Coke Co.	15			2	18	4		4	22					
Totals.		535	25	4	94	658	95		95	753				73	
Austen No. 1	Preston County. Austen Coal & Coke Co.	50	12	4	25	91	8	65	73	164			297	220	12
No. 2	"	40	18	6	26	90	5		5	95			285		8
Newburg Shaft.	Hamilton Coal & Coke Co.	15	20	6	12	53	6		6	59			275		18
No. 1	Gorman Coal & Coke Co.	15			2	17	1		1	18			221		4
No. 2	"	8	7	6	6	27	7	12	19	46			246	40	4
No. 4	"	17			4	21	3		3	24			284		3

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	NAME OF COMPANY.	EMPLOYEES.					SUM Total.	Ave. No. of days mines were operated.	Ave. No. of ovens operated.	Ave. No. of ovens in operation per plant.	No. of horses & mules inside.
		INSIDE.			OUTSIDE.						
		Pick Mi- ners.	Ma- chine Mi- ners.	Machine Runners and Helpers.	Labor- ers.	Total.					
<i>Fayette County.</i>											
No. 111	Sunday Creek Co.		60	8	24	92	149	180	45	102	20
No. 112	" "		35	6	30	71	95	42			5
Nos. 114 & 114X	" "	10	86	10	60	166	251	253		110	24
No. 115	" "		100	14	65	179	269	253		155	15
No. 117	" "	30			23	53	10	63			7
No. 1	The Columbus Iron & Steel Co.	15	46	14	26	101	147	255	305	84	26
Kanawha Gas.	Kanawha Gas Coal Co.	30	20	6	30	86	104	210			11
Oakland	W. R. Johnson & Co.		12	8	35	85	15	100			10
No. 1	Boomer Coal & Coke Co.	26	70	10	41	147	162	127			14
No. 2 North Side	" "	59	99	10	48	216	14	230	262		15
No. 2 South Side	" "	59	99	10	48	216	14	230	262		13
No. 3	" "	107	14		62	183	40	223	251		14
Nova Scotia	The Gauley Mountain C. Co.	75	75	20	100	270	345	290	365	150	58
Pine Top	Groft & Evans	15			2	17	4	21	280		3
Oliffstop No. 1	Moseley & Walker	30			10	40	5	45	250		4
" "	" "	3			1	4	1	5	250		1
" "	" "	15	2	2	4	23	3	26	125		2
Gaymont	Gaymont Colliery Co.	10			4	14	2	16	200		3
Elmo	Berry-New River Coal Co.		15		4	19	4	33			4
Sunnyside	Sunbury Coal & Coke Co.		5	2	2	9	4	75			2
Big Bend	Big Bend Coal Co.				3	18	4	22			5
Michigan	Michigan Coal Co.	15			10	46	5	50	220		10
Fayette	The Fayette Coal & Coke Co.	30	4	2	35	60	8	70	225	140	7
Newlyn	Mfgs. & Consumers C. Co.	25			15	65	5	73	216		8
Nuttallburg	Nuttallburg Coal & Coke Co.	30	20	2	13	65	7	72	203		13
Keeneys Creek	" "	25			10	35	5	40	229		12
Ballinget No. 1	Nuttallburg Coal & Coke Co.	67			19	86	6	92	217		15
Ballinget No. 2	Ballinger Coal Co.	3			1	4		4	247		1
Blume	Blume Coal & Coke Co.	65			19	84	6	90	240		14
Lookout	Lookout Coal & Coke Co.				10	10	7	12			2
Smokeless	Keeneys Creek Colliery Co.	75			15	90	4	97			8
Boone	" "	50			12	62	6	66	240		9
Dubree	Rothwell Coal Co.	12	15	4	10	41	6	47	195		4

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	NAME OF COMPANY.	EMPLOYES.										Ave. No. of days mines were operated.	Ave. No. of ov- ens in opera- tion per plant.	No. of Horses & Mules inside.		
		INSIDE.					OUTSIDE.									
		Pick- min- ers.	Ma- chine Min- ers.	Ma- chine Runners and Helpers.	Labor- ers.	Total	Labor- ers.	Coke Work- ers.	Total	SUM TOTAL						
Fayette County—Cont'd.																
Laurel.....	Laurel Creek Coal Co.....	30			10	40	3		3	43	240	8				
Robins.....	Export Coal Co.....	25			5	30	3		3	33		5				
Greenwood.....	Greenwood Coal Co.....	80			30	110	30		30	140	180	15				
Hemlock.....	Hemlock Hollow C. & C. Co.	75			25	100	15		15	115		12				
Layland.....	New River & Pocahontas Cons. Coal Co.	60			30	90	20		20	110	252	6				
B. No. 1.....	do	12			2	14	2		2	16	200	4				
No. 2.....	do	90	22	10	47	169	15		15	184	270	16				
No. 3.....	do	104	6	4	50	164	16		16	180	266	17				
No. 4.....	do	56	48	20	40	164	12		12	176	264	9				
No. 5.....	do	70	68	40	46	224	16		16	240	270	10				
Newlyn.....	Newlyn Coal Co.....	10			3	13	2		2	15	240	3				
Meadow Fork.....	Meadow Fork Coal Co.....	15			3	18	4		4	22	180	3				
Dunglen No. 1.....	The Dunglen Coal Co.....	25			4	29	5		5	34	216	4				
Nichol.....	Nichol Colliery Co.....	28			12	40	7		7	47	119	4				
Derryhale.....	McKell Coal & Coke Co.	85	4	2	35	126	11		11	137	162	16				
Killsyth.....	do	200	5	2	65	272	13		13	285	194	38				
Laura.....	Laura Mining Co.....	30			28	58	4		4	62	172	16				
Star.....	The Star Coal & Coke Co.	87	19	5	53	164	15		15	179	217	25				
Harvey.....	Harvey Coal & Coke Co.	75			55	130	20	60	80	210	245	38				
Prudence, Lyman & Jones.....	Prudence Coal Co.....	90	12		55	157	17		17	174	207	28				
Collins Nos. 1 and 2.....	Collins Colliery Co.....	140	3	2	70	215	16		16	231	220	34				
Wingrove.....	White Oak Fuel Co.....	40	10	4	18	72	19	50	66	313	79	34				
Scarbro.....	" " " " " "	75	20	5	50	150	35		35	185	267	37				
Whipple.....	" " " " " "	56	12	4	58	130	22		22	152	230	26				
Carlisle.....	" " " " " "	70			30	100	16		16	116	261	20				
Oakwood.....	" " " " " "	55			24	79	9		9	88	262	18				
Parral.....	Stuart Colliery Co.....		11	2	6	19	8		8	27	300	4				
Stuart.....	do		10	2	8	20	10		10	30	240	4				

* Worked two shifts, number stated to a shift.

	12	10	22	6	2,159	11,505	253	1,443
Beech Creek.....	40	36	85	27	6	28	283	.....
Dunn Loop Coal & Coke Co. No. 2.....	12	48	111	18	18	112	225	.....
Macdonald.....	63	15	174	52	27	129	240	.....
Sugar Creek.....	141	35	129	25	120	253	290	.....
Price Hill Fuel Co.....	85	15	65	3	24	145	186	.....
Sherwood.....	30	12	75	12	300	68	263	.....
Turkey Knob.....	55	20	75	12	99	99	263	.....
Totals.....	4,900	1,446	9,346	1,420	739	11,505	253	1,443
<i>Kanawha County.</i>								
Jones Nos. 1 & 2.....	20	5	29	3	3	32	200	.....
Graham.....	20	2	26	2	2	28	200	.....
The Graham Cannel Coal Co. The Elk Coal Co.....	25	15	40	4	4	44	.....	.....
Turner.....	.....	4	30	5	5	57	.....	.....
Lucas Ray Coal Co.....	.....	8	52	1	1	14	130	.....
Jefferson Coal & Coke Co.....	.....	2	13	1	1	29	80	.....
Pen Mar Mining Co.....	.....	4	28	1	1	8	.....	.....
Peacock.....	6	1	7	1	1	.....	.....	.....
Kanawha-Elk Coal Co. Taggart.....	30	2	32	2	2	34	200	.....
Glendenin Mining Co.....	3	1	4	.....	.....	4	45	.....
Garghan.....	23	5	28	6	6	34	167	.....
Mill Creek.....	4	14	25	9	9	34	149	.....
Wills Hollow Nos. 1 & 2.....	40	8	48	10	10	58	169	.....
Blue Creek Coal & Land Co.....	30	7	37	6	6	43	169	.....
Blakely Nos. 3 & 4.....	10	1	11	2	2	13	.....	.....
Shrader Nos. 1 & 2.....	5	9	14	4	4	18	58	.....
Roderick.....	35	21	56	4	4	60	289	.....
Columbia Coal Mining Co.....	.....	54	176	18	18	194	276	.....
Roderick Coal Co.....	.....	30	.....	.....	.....	120	.....	.....
The Campbells Creek Coal Co. Nos. 1 & 3.....	8	2	10	2	2	12	52	.....
Belle.....	.....	14	28	3	3	31	.....	.....
Kanawha Block Coal Co. Quincy Coal Co.....	6	6	28	3	3	3	.....	.....
No. 2.....	6	16	53	8	8	61	.....	.....
No. 101.....	10	40	90	15	15	105	204	.....
No. 105.....	.....	30	221	20	20	241	233	.....
No. 108.....	.....	16	46	8	8	51	25	.....
No. 109.....	.....	4	18	2	2	20	52	.....
No. 110.....	.....	2	4	2	2	47	75	.....
Boyd.....	.....	11	42	5	5	31	40	.....
New Cedar Grove C. & B. Co. Kellys Creek Colliery Co.....	4	25	53	8	8	34	.....	.....
No. 1.....	15	7	21	3	3	185	280	.....
No. 3.....	.....	50	175	10	10	114	285	.....
No. 3 ^{1/2}.....	.....	75	101	10	10	114	.....	.....
No. 4.....	.....	30	40	1	1	41	80	.....
Hughes Creek Coal Co. Cannelton Coal Co.....	10	14	13	1	1	14	150	.....
No. 2.....	20	35	23	20	20	239	268	.....
Monarch Nos. 1 & 2.....	4	16	84	36	36	140	258	.....
Butler.....	20	48	89	19	19	108	270	.....
No. 2.....	20	30	95	15	15	110	232	.....
No. 2.....	15	10	31	1	1	52	194	.....

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	NAME OF COMPANY.	EMPLOYEES.										Ave. No. of days mines were operated.	Ave. No. of days ovens were operated.	Ave. No. of ov- ens in operation per plant.	No. of Horses & Mules Inside.		
		INSIDE.					OUTSIDE.										
		Pick Min- ers.	Ma- chine Min- ers.	Ma- chine Runners and Helpers.	Labor- ers.	Total	Labor- ers.	Coke Work- ers.	Total	SUM TOTAL							
<i>Mason County.</i>																	
Linden.....	Mason City Coal Mining Co.	40			2	42			3			3	45	175		1	
Jackson.....	Liverpool Salt & Coal Co.	25			3	28			2			2	30	200		3	
Hartford.....	Hartford Coal & Mining Co.	30			5	35			5			5	40	152		8	
Candlen.....	Consumers Coal & Mining Co.		40	12	8	60			13			13	73	255		10	
Klondike.....	Hanging Rock Coal Co.	18				18			2			2	20	200		2	
Beech Grove.....	Beech Grove Coal Co.	35			7	42			6			6	48			6	
Totals.....		148	40	12	25	225			31			31	256	203		36	
<i>Nicholas County.</i>																	
Bell Creek.....	Bell Creek Coal Co.	12	18	2	7	39			13			13	52	200		5	
No. 1.....	The Columbus Coal Co.		4	2	2	8			2			2	10	135		2	
No. 2.....		13				15			4			4	19	105		4	
Cambria.....	Kentucky Coal & Lumber Co.	5	10	4	4	23			3			3	26	185		3	
Mt. Carmel.....	"	5	15	4	4	28			3			3	31	180		3	
National.....	"	15			4	19			3			3	22	152		3	
Arminius.....	Arminius Coal Co.	10			2	12			2			2	14	180		2	
Raven.....	Paint Creek Collieries Co.	5	4	2	3	14			5			5	19	127		2	
Totals.....		65	51	14	28	158			35			35	193	168		25	
<i>Putnam County.</i>																	
Plymouth.....	Plymouth Coal & Mining Co.	32			4	36			7			7	43	263		4	
Manilla.....	"	80			11	91			9			9	100	263		12	
California.....	"	40			7	47			9			9	56	263		5	
Big Otto Nos. 1, 2 & 3.....	The Otto Marnet O. & M. Co.	200			50	250			130			130	380	241		22	
Nos. 1 & 2.....	Black Betsey O. & M. Co.	150		2	205	357			28			28	562	276		20	
Oak Forest.....	The Oak Forest O. & M. Co.	15			4	19			4			4	23	200		10	
Alpha.....	Alpha Coal Mining Co.	8			3	11			2			2	13			2	
Totals.....		525		2	284	811			189			189	1,000	230		75	
<i>Greenbrier County.</i>																	
Lost Flat.....	Elk Lick Coal Co.	20			5	25			5			5	30	239		4	
Totals.....		20			5	25			5			5	30	259		4	

Williamson No. 1.....	8	12	6	6	32	3	3	35	240	.....	4
Williamson No. 2.....	.....	20	10	8	38	6	.....	44	240	.....	4
r Tree.....	.....	15	5	4	24	4	.....	28	26	.....	3
ard.....	.....	18	6	25	49	12	.....	61	240	.....	9
taroy.....	20	30	10	15	75	10	.....	85	260	.....	11
Buffalo.....	.....	11	8	8	27	6	.....	33	270	.....	7
The Buffalo Collieries Co.....	.....	15	8	2	25	5	.....	30	270	.....	4
Leftwich & Taylor.....	.....	15	8	10	35	6	.....	41	200	.....	4
Rawl No. 1.....	25	.....	.....	.....	.....	.....	.....	82	290	.....	9
Walnut Hill.....	15	30	4	15	64	18	.....	31	165	.....	.....
Lingoheoken No. 1.....	20	.....	.....	6	26	5	.....	12	80	.....	.....
Warfield.....	2	.....	.....	.....	2	.....	.....	12	304	.....	2
Sycamore Coal Co.....	5	.....	.....	3	8	4	.....	12	.....	.....	.....
Mattie May.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	615	784	259	641	2,289	325	.....	2,624	217	.....	366
Wayne County.											
East Lynn Coal Co.....	29	.....	.....	6	35	2	.....	37	285	.....	7
Totals.....	29	.....	.....	6	35	2	.....	37	285	.....	7
McDowell County.											
Piney & North Fork.....	90	.....	.....	60	150	15	.....	50	240	90	20
Gilliam.....	85	.....	.....	30	115	35	.....	85	216	120	20
Roanoke.....	60	.....	.....	15	75	12	.....	52	253	103	13
Indian Ridge.....	61	.....	.....	35	96	14	.....	44	240	110	.....
Arlington.....	65	.....	.....	25	90	15	.....	55	216	290	15
Greenbrier.....	75	.....	.....	25	100	20	.....	70	170	300	14
McDowell.....	85	15	6	57	163	37	.....	77	240	313	28
Ashtand Nos. 1 and 2.....	141	.....	.....	89	230	47	.....	99	229	213	30
Elk Ridge Coal & Coke Co.....	60	.....	.....	90	110	35	.....	100	260	200	20
Elk Ridge Nos. 1 and 2.....	350	.....	.....	150	500	60	.....	250	219	252	47
Norfolk & Angle.....	200	.....	.....	80	280	50	.....	130	219	243	14
Liak Branch.....	200	.....	.....	90	290	50	.....	110	219	146	30
Delta.....	200	.....	.....	75	275	40	.....	140	219	243	21
Shamokin.....	125	.....	.....	40	165	40	.....	40	205	219	12
Cherokee.....	.....	.....	.....	8	28	.....	.....	.....	240	.....	9
West.....	20	.....	.....	91	186	22	.....	72	258	308	25
Elkhorn Coal & Coke Co.....	95	.....	.....	35	75	18	.....	18	261	146	8
Zenith Coal & Coke Co.....	40	.....	.....	25	65	15	.....	40	231	80	9
Tidewater.....	60	8	2	35	95	20	.....	40	257	300	15
Bottom Creek.....	75	.....	.....	64	146	40	.....	54	220	300	19
Peerless.....	65	10	4	71	143	8	.....	53	225	246	110
The Empire Coal & Coke Co.....	105	.....	.....	95	200	20	.....	90	290	365	30
Shawnee.....	70	.....	.....	35	105	25	.....	75	180	218	16
Shawnee Coal & Coke Co.....	80	.....	.....	60	140	15	.....	85	225	365	17
Eureka.....	154	.....	.....	112	266	46	.....	102	414	311	26
Pulaski Iron Co.....	.....	.....	.....	70	145	38	.....	108	253	313	95
Keystone Coal & Coke Co.....	75	.....	.....	108	253	70	.....	108	265	313	26
Lynchburg Coal & Coke Co.....	85	.....	.....	65	160	20	.....	100	258	365	30
Powhatan.....	80	.....	.....	26	106	37	.....	80	200	190	20

DETAIL OF THE MEN EMPLOYED AT THE MINES AND OVENS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	NAME OF COMPANY.	EMPLOYEES.										AVG. No. of days mines were operated.	AVG. No. of days ovens were operated.	Per plant in operation	No. of Horses & Mules inside.		
		INSIDE.					OUTSIDE.										
		Pick Min-ers	Ma-chine Min-ers.	Machine Runners and Helpers.	Labo-rers.	Total	Labo-rers.	Coke Work-ers	Total	SUM TOTAL.							
McDowell County—Cont'd.																	
Nos. 1 & 2	Upland Coal & Coke Co.	85	8	.....	25	118	25	120	145	263	212	313	163	134	17	
Nos. 1 & 2	Houston Coal & Coke Co.	200	.....	.....	40	240	25	90	115	355	186	313	230	215	15
No. 1	Crozer Coal & Coke Co.	76	.....	.....	30	106	33	65	98	204	313	313	215	.....	8
No. 2	.....	30	.....	.....	17	47	.....	.....	.....	47	313	313	.....	.....	28
Turkey Gap	Turkey Gap Coal & Coke Co.	200	.....	.....	115	315	10	100	120	435	240	240	225	.....	14
Cirrus	Cirrus Coal & Coke Co.	25	.....	.....	10	35	8	.....	8	43	220	.....	.....	.....	5
Big Sandy	Big Sandy Coal & Coke Co.	75	.....	.....	35	110	15	15	15	125	.....	.....	.....	.....	10
Marytown	.....	50	8	4	25	87	10	10	10	97	.....	.....	.....	.....	5
Maier No. 1	Maier Coal & Coke Co.	9	10	8	9	36	5	.....	5	41	279	.....	.....	.....	8
No. 2	.....	.....	6	4	6	16	3	.....	3	19	115	.....	.....	.....	5
Twin Branch	Twin Branch Mining Co.	21	.....	.....	60	81	5	.....	5	86	290	.....	.....	.....	10
J. B. B. No. 1	J. B. B. Collieries Co.	15	10	4	10	39	8	.....	8	47	278	.....	.....	.....	8
No. 2	.....	30	20	10	20	80	8	.....	8	88	300	.....	.....	.....	10
No. 3	.....	6	8	8	10	32	5	.....	5	40	205	.....	.....	.....	.....
No. 4	.....	.....	8	8	4	20	5	.....	5	25	132	.....	.....	.....	.....
No. 5	.....	.....	8	8	4	20	5	.....	5	25	132	.....	.....	.....	.....
Cambridge	Vaughan Coal & Coke Co.	20	.....	.....	10	30	6	.....	6	36	.....	.....	.....	.....	5
No. 1	Superior Pocahontas Coal Co.	60	25	2	25	112	10	10	10	122	200	.....	.....	.....	11
No. 2	.....	25	.....	.....	25	25	10	.....	10	35	250	.....	.....	.....	8
No. 3	.....	25	.....	.....	25	25	10	.....	10	35	250	.....	.....	.....	.....
No. 3	.....	15	.....	.....	10	25	100	.....	100	125	180	.....	.....	.....	.....
Pando	Pando Coal Co.	15	10	6	10	37	8	.....	8	40	190	.....	.....	.....	.....
Antler	Antler Coal & Coke Co.	74	5	3	63	145	6	89	95	240	306	306	297	297	24		
United States Coal & Coke Co.	.....	81	.....	.....	51	132	6	89	95	227	306	306	289	289	23
No. 2	.....	62	7	5	40	114	7	73	80	194	306	306	174	174	22	
No. 3	.....	85	5	6	43	139	6	85	92	231	306	306	235	235	10	
No. 4	.....	29	.....	6	29	64	6	54	60	124	306	306	99	99	26
No. 5	.....	107	.....	6	46	153	17	116	133	286	306	306	239	239	23
No. 6	.....	87	8	6	47	148	18	124	152	300	306	306	263	263	17	
No. 7	.....	43	.....	.....	40	83	7	74	81	164	306	306	137	137	13
No. 8	.....	.....	.....	.....	40	83	7	74	81	164	306	306	137	137	13
Mohawk	Mohawk Coal & Coke Co.	14	45	14	15	74	10	.....	10	84	200	.....	.....	.....	6
Welch	Welch Coal & Coke Co.	12	8	4	7	33	3	.....	3	40	240	.....	.....	.....	5
Hemphill	Hemphill Collieries Co.	6	10	4	7	33	3	.....	3	35	210	.....	.....	.....	1
Slick Rock	Slick Rock Coal Co.	15	20	5	2	8	4	.....	4	12	250	.....	.....	.....	10
Imo	Oregon Coal Co.	10	.....	.....	40	70	10	.....	10	10	220	.....	.....	.....	.....

Nos. 1 & 2	65	4	60	129	30	51	81	210	312	312	150	26
Page Coal & Coke Co.	4	4	5	9	15	10	25	133	230	230	150	1
Black Wolf Coal & Coke Co.	30	60	40	108	10	10	10	50	231	231	150	10
The Middle States C. & C. Co.	35	17	13	52	4	4	4	56	285	285	200	11
The King Coal Co.	27	13	40	40	4	4	4	44	285	285	200	10
Virginia-Pocahontas Coal Co.	14	5	19	19	2	2	2	21	220	220	200	3
do	23	12	12	35	9	9	9	44	285	285	200	8
New River & Pocahontas Consolidated Coal Co.	35	12	20	67	6	20	26	93	245	245	200	11
do	38	14	21	73	5	5	5	78	255	255	200	10
do	25	6	12	43	5	5	5	48	250	250	200	3
do	8	5	5	13	4	4	4	17	200	200	200	2
Dixon-Pocahontas Fuel Co.	14	6	6	24	10	10	10	34	50	50	200	4
Jed Shaft	16	4	4	16	20	20	20	36	50	50	200	4
Yukon Coal Co.	20	6	6	26	4	4	4	30	200	200	200	1
J. H. Mitchell	3	3	3	3	2	2	2	5	200	200	200	1
Totals	4,687	420	2,705	7,907	1,371	2,604	3,975	11,942	246	280	163	1,013
<i>Mercer County.</i>												
Mill Creek Coal & Coke Co.	88	68	68	156	15	38	67	209	300	300	150	18
Coaldale Coal & Coke Co.	98	35	35	133	32	30	62	235	300	300	150	16
Buckeye Coal & Coke Co.	70	150	150	110	15	25	40	150	303	304	65	16
Caswell Creek	200	65	65	265	50	60	110	375	219	243	90	31
Pocahontas Cons. Coll's Co.	66	36	36	102	24	32	56	158	210	210	80	23
Booth-Bowen Coal & Coke Co.	75	40	40	155	15	35	67	205	241	241	120	30
Goodwill and Baby & Louisville Coal & Coke Co.	80	42	42	122	30	85	110	237	297	297	198	25
South & North	90	45	45	135	30	80	110	245	267	267	198	25
Crystal	72	50	50	128	12	32	74	172	300	300	150	20
Thomas	50	25	25	75	25	50	75	150	230	230	140	18
Weyanoke	55	16	16	77	15	35	75	192	239	239	150	15
Spring	6	2	2	20	11	11	11	84	261	261	17	17
No. 1	6	10	10	73	10	10	10	60	230	230	150	8
Piedmont Colliery	28	11	11	39	8	8	8	47	260	260	150	8
Wenonah Coal & Coke Co.	30	10	10	40	15	15	15	55	250	250	150	10
Hiawatha Coal & Coke Co.	20	8	8	28	6	6	6	34	250	250	150	6
The Smokeless Coal & Coke Co.	26	7	7	33	5	5	5	38	280	280	150	5
Pawanna Coal & Coke Co.	10	5	5	15	5	5	5	20	312	312	150	6
Cephus Coal Co.	1,070	93	603	1,796	323	467	730	2,586	263	278	120	297
Totals												

Just being opened.

*Men worked in two Shifts—twenty men to a Shift.

NATIONALITIES EMPLOYED AND THEIR PERCENTAGES, JUNE 30,
1907.

No.	NATIONALITY.	Total Number Employed.	Percentage of Total Nationalities Reported.	Percentage of Total Number of Employees
1.	American (white)	20,409	46.283	36.309
2.	Negro.....	9,908	22.470	17.627
3.	Italian.....	5,965	13.528	10.612
4.	Hungarian	2,753	6.243	4.898
5.	Polish	1,540	3.492	2.740
6.	Austrian	832	1.889	1.480
7.	Russian	543	1.231	.966
8.	Lithuanian	419	.950	.745
9.	Slavish	394	.894	.701
10.	German	291	.660	.518
11.	English	280	.635	.498
12.	Greek	167	.379	.297
13.	Irish ..	149	.339	.265
14.	Litvitch.....	148	.336	.263
15.	Scotch	120	.272	.214
16.	Roumanian.....	40	.091	.071
17.	Swedish	37	.084	.066
18.	Welsh	31	.070	.055
19.	Syrian	24	.054	.043
20.	Spanish.....	10	.023	.018
21.	Macedonian	10	.023	.018
22.	Belgian	7	.016	.012
23.	Servian	6	.014	.011
24.	Bohemian	4	.009	.007
25.	Japanese.....	3	.007	.005
26.	French	1	.002	.002
27.	Danish	1	.002	.002
28.	Bulgarian.....	1	.002	.002
29.	Canadian.....	1	.002	.002
Totals		44,094	100.000	
Unknown.....		12,115		21.553
Grand Totals		56,209		100.000

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, BY COUNTIES, FOR THE YEAR
ENDING JUNE 30TH, 1907.

COUNTY.	No. of mines operated.	No. Mines reported.	American (white)	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scotch.	Lithvich.	Greek.	Irish.	Slavish.	Servian.	Japanese.	Syrian.	Spanish.	Rumanian.	French.	Unknown.	Total Inside Employees.	Total Outside Employees.	Total Coke Employees.	GRAND TOTALS.
Brooke.....	6	5	140	16	57		51			28			20		1	76			5	1	26			1							224	567	78		645	
Hancock.....	3	3	46		9					21						6			1													72	22	193	94	
Marion.....	23	23	1,542	202	1,094		136			341			1		2	192		97	15	21	28		23	8	65							2,948	656	656	3,797	
Monongalia.....	6	4	229	11	153		17			30						32		12	2												47	358	57	128	543	
Marshall.....	6	4	126	3			4			164								3	2												183	540	79	619		
Ohio.....	9	9	107	18						35			5			20		18													16	189	29		228	
Barbour.....	7	14	545	76	175		71			53					1	36		10						8		6					112	880	171	70	1,121	
Gilmer.....	1	1																															5	2		
Harrison.....	45	39	1,522	151	771		195			95			5		7	1	127	49	11	14	28			20	155						169	2,837	614	34	3,485	
Lewis.....	1																															21	17	4		21
Taylor.....	10	7	297	11	47		6			14						1		2	3			3		20	21						89	415	98	5	518	
Upshur.....	4	3	68	12	30		1			14							3														43	132	33	8	173	
Grant.....	2	1	102																												183	244	41		285	
Mineral.....	16	14	535	24	32		68			4			2						1			3			4						103	641	94		735	
Preston.....	19	15	667	41	373		29			82			1		3	4	45	3	15	7			10		9						334	1,280	186	216	1,682	
Randolph.....	6	6	206	4	373		13			26			2			1	8		2				6									71	130	652		1,451
Tucker.....	11	11	211	75	299		4			160			3		4	2	84	6	4			58									121	884	179	193	1,256	
Braxton.....	2	2	53	1	33		8																										95	11		106
Clay.....	4	4	124																													101	24		125	
Fayette.....	132	95	4,682	2,781	755		316			314			19	134	13	68	1	66	136	42		26	34								2,266	9,432	1,513	748	11,693	
Kanawha.....	130	80	3,863	693	79		127			20			2				26	61	12		13										2,155	5,999	1,035	20	7,054	
Mason.....	6	3	109	4																												143	225	31		256
Nicholas.....	8	7	162	2			5																									19	141	47		188
Putnam.....	10	4	258	10						6							6															714	807	193		1,000
Greenbrier.....	1	1	21				9																										25	5		30
Raleigh.....	28	21	718	304	28		25			26			37		2		46	2													527	1,506	223		1,729	
Lincoln.....	2	2																																		
Logan.....	17	13	347	23	32		29																									97	12		39	
Mingo.....	42	21	604	123	37		57																									530	834	171		1,005
Wayne.....	1	1	33																													1,767	2,256	347		2,603
McBowell.....	89	64	2,286	4,300	1,249		1,389			129			1				10	199	9	2												7,852	35	2	37	
Mercer.....	24	19	761	1,022	339		222			3			17		15		15	3	14													2,141	7,852	390	467	2,586
Totals.....	681	496	20,409	9,908	5,965		12,753			1,540			137	280	131	832	7,543	4,291	120	148	167	149	384	6							112,115	43,534	7,879	4,796	56,209	

Barbour	Inside.....	401	60	117	64	53	26	1	35	10	1	8	6	1	98	880	171	70	1,121	.....
	Outside.....	134	11	3	7	.....	.....	.....	1	.....	.....	.....	.....	.....	14	.....	.....	.....	.....	.....
Totals	Coke Yard	545	76	175	71	53	26	.....	1	36	10	8	6	1	112	880	171	70	1,121	.....
Gilmer	Inside.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2	.....	.....	.....
	Outside.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	Coke Yard	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2	.....	.....	7
Harrison	Inside.....	1,088	135	668	171	34	92	5	6	1	193	49	10	10	3	1	139	2,837	.....	.....
	Outside.....	433	16	73	24	.....	2	1	1	22	1	4	2	2	.....	30	614	34	.....	.....
Totals	Coke Yard	1,522	151	771	195	34	95	5	7	1	217	49	11	14	5	1	169	2,837	614	34
Lewis	Inside.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	17	.....	.....	.....
	Outside.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	.....	.....	.....
Totals	Coke Yard	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	17	4	.....	21
Taylor	Inside.....	207	11	47	6	4	13	.....	1	2	3	3	20	19	.....	79	415	98	5	.....
	Outside.....	85	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	10	.....	.....	.....	.....
Totals	Coke Yard	292	11	47	6	4	14	.....	1	2	3	3	20	21	.....	89	415	98	5	518
Upshur	Inside.....	45	12	30	1	.....	14	.....	.....	3	.....	.....	1	.....	.....	29	132	33	.....	.....
	Outside.....	15	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	.....
Totals	Coke Yard	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43	132	33	8	173
Grant	Inside.....	96	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148	244	41	.....	.....
	Outside.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	.....	.....	.....
Totals	Coke Yard	102	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	183	244	41	.....	285
Mineral	Inside.....	463	23	32	.....	4	4	2	20	2	1	3	4	.....	.....	83	641	94	.....	.....
	Outside.....	72	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....
Totals	Coke Yard	535	24	32	.....	4	4	2	21	2	1	3	4	.....	.....	103	641	94	.....	735

Kanawha.....	Inside.....	3,185	616	75	112	19	1	1	26	46	12	2	13	1	1,891	5,999	1,035	20	.....
	Outside.....	678	57	4	15	1	1	.....	.....	15	.....	.....	.....	.....	264	.....	.....	.....	.....
	Coke Yard.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....
Totals.....		3,863	693	79	127	20	2	.....	26	61	12	2	13	1	2,155	5,999	1,035	20	7,054
Mason.....	Inside.....	98	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123	225	31	.....	.....
	Outside.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....
	Coke Yard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		109	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	143	225	31	.....	256
Nicholas.....	Inside.....	120	2	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	141	47	.....	.....
	Outside.....	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
	Coke Yard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		162	2	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	141	47	.....	188
Putnam.....	Inside.....	249	10	.....	4	6	.....	1	6	.....	.....	.....	.....	.....	531	807	193	.....	.....
	Outside.....	9	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	183	.....	.....	.....	.....
	Coke Yard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		258	10	.....	4	6	.....	2	6	.....	.....	.....	.....	.....	714	807	193	.....	1,000
Greenbrier.....	Inside.....	19	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	5	.....	.....
	Outside.....	2	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Coke Yard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		21	.....	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	5	.....	30
Raleigh.....	Inside.....	613	278	6	25	2	37	2	42	2	6	2	4	.....	463	1,506	223	.....	.....
	Outside.....	105	26	22	.....	2	.....	64	4	.....	.....	.....	.....	.....	64	.....	.....	.....	.....
	Coke Yard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		718	304	28	25	2	37	2	46	2	6	2	4	.....	527	1,506	223	.....	1,729
Lincoln.....	Inside.....	36	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27	12	.....	.....
	Outside.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Coke Yard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		38	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27	12	.....	39
Logan.....	Inside.....	250	22	26	29	1	.....	.....	1	1	19	.....	12	.....	473	834	171	.....	.....
	Outside.....	97	1	6	.....	.....	.....	.....	.....	.....	4	.....	6	.....	57	.....	.....	.....	.....
	Coke Yard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		347	23	32	29	1	.....	.....	1	1	.....	.....	18	.....	530	834	171	.....	1,005

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED—1907.

COUNTY.	Where Employed.	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scotch.	Lithvitch.	Greek.	Irish.	Slovakish.	Serbian.	Japanese.	Syrian.	Spanish.	Romanian.	French.	Unknown.	Total Inside Employees.	Total outside of coke yard.	Total Coke Employees.	Grand Totals.
Mingo	Inside	463	113	27		57					2			1	12																1,581	2,256			
	Outside	141	10	10																											186	347			
	Coke Yard																																		
Totals		604	123	37		57					2			1	12																1,767	2,256	347	2 603	
Wayne	Inside	31				1						2																					35	2	
	Outside	2																																	
	Coke Yard																																		
Totals		33				1						2																				35	2	37	
McDowell	Inside	1,626	2,564	647		1,078	10		79	1	1	16			10	144	2	1				32	2			2					1,612	7,852	1,461		
	Outside	446	433	138		74			2							30	1														325				
	Coke Yard	214	1,303	464		237			48		1					25	5					80									207	2,584			
Totals		2,286	4,300	1,249		1,389	10		129	1	1	17			10	199	9	2				112	2		2						2,144	7,852	1,461	11,897	
Mercer	Inside	514	699	131		194			3		2				15	3		13													155	1,729			
	Outside	182	109	81		3																									15				
	Coke Yard	65	214	127		25												1													35	390	467		
Totals		761	1,022	339		222			3		2				15	3		14													205	1,729	390	467	2,186
Totals for State	Inside	15,799	6,832	4,071		2,299	407	1,413	1	34	273	128	712	4	469	4	262	111	141	85	129	180	6	2	24	10	28		1	10,007	4,544				
	Outside	4,123	1,014	746		144	12	22	3	4	1	33	3	35	22	9	7	2	19	4	1										1,033	7,809			
	Coke Yard	487	2,062	1,148		310	10		105		3		2	87		39		7		80	1	10									445		4,786		
Grand Totals.		20,409	9,908	5,965		12,753	10,419	1,540	1,37	280	1	31	832	7	543	4	291	120	148	167	149	394	6	3	24	10	40		1	12,115	43,544	7,869	4,796	56,209	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Russian.	Bohemian.	German.	Scotch.	Lithvich.	Greek.	Irish.	Slavish.	Servian.	Japanese.	Syrian.	Spanish.	Roumanian.	French.	Unknown.	Total Inside Employees.	Total Outside of coke yard (exclusive of).	Total Coke Employees.	Grand Totals.	
Brooke County.																																				
A. Gilchrist & Sons' Co.	Gilchrist	Inside	20	1	25					1													1										48	7		
		Outside	7																																	
The La Belle Coal Co.	Lewis No. 1.	Coke Yard	34	5	14											1																				
		Inside	6																																	
Beech Bottom C. Co.	Beech Bottom No. 1	Coke Yard	8	3	2	10				5						59																				
		Inside	3	1	4																															
		Outside																																		
Lewis Flindley C. Co.	Locust Grove	Coke Yard																																		
		Inside	35	6		20				12																										
La Belle Iron Works.	La Belle Shaft	Outside	6			1																														
		Coke Yard																																		
		Inside	15		10	20				10						15																				
Rex Carbon Co.	No. 1.	Outside	6		2											1																				
		Coke Yard																																		
Totals			140	16	57	51				28			20		1	76			5	26			1								224	567	78		645	
Hancock Co.			7																																	
M. M. Cullen	Porter No. 1.	Inside	8																																	
		Coke Yard																																		
		Outside																																		
The Marquet Co.	No. 4	Inside	20																																	
		Coke Yard	4		9					17						6																				
		Outside																																		
do do	No. 5	Inside	6																																	
		Coke Yard	1							4																										
		Outside																																		
Totals			46		9	7				21						6			1			4										72	22		94	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white.)	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scottish.	Lithvian.	Greek.	Irish.	Slavish.	Serbian.	Japanese.	Syrian.	Spanish.	Rumanian.	French.	Unknown.	Total Inside Employees.	Total Outside (exclusive of coke yard.)	Total Coke Employees.	Grand Totals.			
Marshall Co.																																							
Hitchman O. & Co.	Hitchman...	Inside... Outside... Coke Yard	22 26							101														101										224	26		250		
Boggs Run M. & Mfg Co.	Boggs Run...	Inside... Outside... Coke Yard	13				4			23								3	2													7	45	7	52				
Wheeling Steel & Iron Co.	Benwood...	Inside... Outside... Coke Yard																															101	15		116			
Glendale Coal Co.	Glendale...	Inside... Outside... Coke Yard	7 12							33														33										73	12	85			
Clearfield & Ohio River O.Co	Mound City Shaft	Inside... Outside... Coke Yard	39 7	3						1																						49	7		56				
The Glen Easton O. & O. Co.	Glen Easton.	Inside... Outside... Coke Yard																														48 12	12		60				
Totals			125	3			4			161								3	2					134								183	540	79		619			
Ohio County.																																							
Jochum & Co.	Central...	Inside... Outside... Coke Yard																																2	1		3		
Richland Coal Co.	Richland...	Inside... Outside... Coke Yard	20	10						20						20				10				9									89	11		100			
Elm Grove Coal Co.	Elm Grove...	Inside... Outside... Coke Yard	10 4	8									5																				28	4		32			
Reynann Brewing Co.	Manches'er...	Inside... Outside... Coke Yard	10																														10	1		11			

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY	NAME OF MINE.	Where Employed	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scottish.	Irish.	Greek.	Slovak.	Serbian.	Japanese.	Syrian.	Spanish.	Roumanian.	French.	Unknown.	Total Inside Employees.	Total Outside of coke yard.	Total Coke Employees.	Grand Totals.
The Pennsylvania O. & M. Co.	Adma.	Inside...	22																													22	4		26
		Outside...	4																																
		Coke Yard																																	
		Inside	27		10				4							3																41	2	46	
Davis O. & C. Co.	No. 3.	Outside	2																																
		Coke Yard																																	
		Inside	8		3																											11	3	14	
		Outside	3																																
do	No. 4.	Coke Yard																																	
		Inside	27																													27	13	40	
		Outside	12		6																														
		Coke Yard																																	
Miller O. & C. Co.	Sara.	Inside	16	2	11	6	8	4																								41	16	57	46
		Outside	16		26																														
		Coke Yard	4																																
		Inside																																	
Midland O. & C. Co.	Midland.	Outside																																	
		Coke Yard																																	
Totals ...			545	76	175	71	53	26							136	10	1		6	1		8								112	880	171	76	1,121	
Gilmer County. The Cosmopolitan O. & C. Co.	Gilmer No. 1.	Inside	5																																
		Outside	2																																
		Coke Yard																																	
Totals			7																													5	2	7	
Harrison County. Pinnickin Fuel Co.	Pinnickin.	Inside	31	7	19	19								1	2	13																	176	34	
		Outside	15	2	6	2										3																			
		Coke Yard																																	
		Inside	22		49	1																													
do	Fall Run.	Outside	13		5	1																													
		Coke Yard																																	
do	Dixie.	Inside	5		10					1																									
		Outside	3																																
do	Two Lick.	Coke Yard																																	
		Inside	12		8	18										31																			
		Outside	8		1	5																													
		Coke Yard																																	

[illegible]

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white.)	Negro	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	Kingish.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scotch.	Latvitch.	Greek.	Irish.	Slavish.	Servian.	Japanese.	Syrian.	Spanish.	Rumanian.	French.	Unknown.	Total Inside Employees.	Total Outside (exclusive of coke yard.	Total Coke Employees.	Grand Totals.
Harrison Company.	Cont'd.	Inside.....	23	10	24					10						8						12		1	13							101	15		116	
	Pittsburg & Fairmont Fuel Coal.	Outside..... Coke Yard	7	5												3																47				
	do	Inside..... Outside..... Coke Yard	26 10	3	8			2							1															6			84	10		57
do	Pooz	Inside..... Outside..... Coke Yard	24 8	2	34	19				3											1											54	17		101	
	do	Inside..... Outside..... Coke Yard	25 5	2	22	4				1																						82	8		62	
	Fairmont & Baltimore C & C. Co.	Inside..... Outside..... Coke Yard	45 9		26					4												5		2									63	9		91
Cook C. & C. Co.	Girard No 1.	Inside..... Outside..... Coke Yard																														63	13		76	
	Meadow Brook C. & C. Co.	Inside..... Outside..... Coke Yard	20 11		24					11							4															59	11		70	
Madeira - Hill-Clark C. Co.	Waldo No 1.	Inside..... Outside..... Coke Yard	99 20	10 2	15	3											12										15					154	22		176	
	do	Inside..... Outside..... Coke Yard	22 3	1																												23	3		26	
Cook & Hart Coal Co.	New Chieftain & Randolph	Inside..... Outside..... Coke Yard	25 12	25	27	8																										77	20		97	
	Cook	Inside..... Outside..... Coke Yard																														15	4		19	
Rose-Bud Coal Co.	Rosebud	Inside..... Outside..... Coke Yard																														21	5		26	

[illegible]

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scottish.	Latvian.	Greek.	Irish.	Slavish.	Serbian.	Japanese.	Syrian.	Spanish.	Rumanian.	French.	Unknown.	Total inside Employees.	Total outside (exclusive of coke yard.)	Total Coke Employees.	Grand Totals.
Randolph County Davis C. & C. Co	Cont'd No. 1.	Inside	34	45						1														1									79	15	40	134
		Outside	10	3																																
		Coke Yard	1	39																													63	7	28	98
		Inside	18	1																																
" " "	No. 2.	Outside	3	4																																
		Coke Yard	25	25																																
		Inside	4	4																																
		Outside	3	2																																
" " "	No. 5.	Coke Yard	12																																	
		Inside																																		
		Outside																																		
		Coke Yard																																		
W. H. Green	Klondyke	Inside																																		
		Outside																																		
		Inside																																		
		Outside																																		
Totals		Coke Yard	203	4 373					13	26			22		1	8			4					6	9								451	71	130	652
		Inside	30	6																																
		Outside	39	21	10					60	54																									
		Coke Yard																																		
" " "	No. 25.	Inside	35	7	12				32	35																										
		Outside	10	8																																
		Coke Yard																																		
		Inside	1	34																																
" " "	No. 26.	Outside	1	3																																
		Coke Yard																																		
		Inside	33	12	7				90																											
		Outside	4	3																																
" " "	No. 34.	Coke Yard	1	31																																
		Inside	1	4																																
		Outside																																		
		Coke Yard																																		
" " "	No. 35.	Inside	1	3																																
		Outside																																		
		Coke Yard																																		
		Inside																																		
" " "	No. 36.	Coke Yard	9	30																																
		Outside	6	21																																
		Inside																																		
		Coke Yard																																		
" " "	No. 37.	Inside	14	7	9				33	12			1	1		5																				
		Outside	3	4																																
		Coke Yard																																		
		Inside																																		

Cumberland Co.	Nos. 3 and 4.	Inside Outside	5 5	1 30	37 9	4	255	5	26	10	1	1	83	16	38	137
do	No. 5	Inside Outside	3 3	4 25	5 5	1	5	29	1	1	1	1	68	8		
Beacon Co. & Co.	Beacon	Coke Yard Inside Outside Coke Yard	3 4	3 4	1 4	1 3	1	1	35	3	3	3	45	11	76	
Totals			211	75	299	4	255	160	3	4	6	4	121	179	193	1,256
Braxton County.																
Davis Colliery Co.	No. 10	Inside Outside	27 6	1 10	8	1	1	1	1	1	1	1	48	6		
do	No. 11	Coke Yard Inside Outside Coke Yard	16 4	23	23	1	8	1	1	1	1	1	47	5	54	
Totals			53	1	33	8	1	10	1	10	1	1	95	11		106
Clay County.																
Dorfee C. M. Co	Elk Manor	Inside Outside Coke Yard	35 10		1	1							36	10		46
Garter Coal Co.	Garter	Inside Outside	25 5										25	5		
Kentucky Coal & Lumber Co.	Gauley Cons.	Coke Yard Inside Outside	24 7										24	7	30	
Elk River Coal & Lumber Co.	Dundon No. 1	Coke Yard Inside Outside Coke Yard	16 2										16	2	31	
Totals			124			1							101	24		125
Fayette County.																
Sunday Creek Co	No. 111	Inside Outside Coke Yard	42 3	20 19	30	1							92	22	35	149
do	No. 112	Inside Outside Coke Yard	46 22	10 2	15								71	24		95
do	Nos. 114 & 114X	Inside Outside Coke Yard	94 15	12 55	60								166	30		251

Moseley & Walker	Cliff Top No. 2	Inside	4	1	4	1	5
do	" " No. 3	Outside	1	2	23	3	26
Gaymont Colliery Co.	Gaymont	Coke Yard	21	5	14	2	16
Bearry-New River Coal Co.	Elmo	Inside	29	4	2	29	33
Sunbury O. & C. Co.	Sunnyside	Outside	9	2	9	2	11
Big Bend Coal Co.	Big Bend	Coke Yard	10	8	18	4	22
Michigan Coal Co.	Michigan	Inside	4	4	46	4	50
Fayette O. & C. Co.	Fayette	Outside	20	15	35	5	45
Mfg's & Consumers O. Co.	Newlyn	Inside	70	4	74	8	82
Nuttallburg O. & C. Co.	Nuttallburg	Outside	34	31	65	7	72
do	Keeneys Creek	Inside	35	5	40	5	45
Ballinger Coal Co.	No. 1	Coke Yard	49	35	88	6	94
do	No. 2	Inside	4	2	4	4	4
Blaine O. & C. Co.	Blaine	Outside	1	8	84	6	90
Lookout O. & C. Co.	Lookout	Inside	74	10	10	2	12
Keeneys Creek Colliery Co.	Smokeless	Outside	45	45	90	7	97

New River Col- lieries Co.....	Rush Run No. 4.....	Inside Outside.....	14 8	36 6	6	13	9	5	1	5	3	1	1	1	2	91	20	22	166
do	Sun Nos 1, 2 and 3.....	Coke Yard Inside.....	93	16	4	2	6	6	12	12	12	12	12	12	12	236	55	291	291
The Thurmond Co. Co.....	Thurmond No. 1.....	Coke Yard Inside.....	34	26	25	2	2	2	2	2	2	2	2	2	2	6	10	75	75
do	do No. 2.....	Coke Yard Inside.....	20	14	14	14	14	14	14	14	14	14	14	14	14	34	8	37	37
Stone Cliff C. & Co. Co.....	Stone Cliff	Coke Yard Inside.....	35	30	30	30	30	30	30	30	30	30	30	30	30	65	8	15	88
Beechwood C. & Co. Co.....	No. 1.....	Coke Yard Inside.....	42	28	28	28	28	28	28	28	28	28	28	28	28	75	7	4	86
do	No. 2.....	Coke Yard Inside.....	10	20	20	20	20	20	20	20	20	20	20	20	20	30	6	36	36
Alaska C. & C. Co.....	Alaska.....	Coke Yard Inside.....	14	29	29	29	29	29	29	29	29	29	29	29	29	43	8	51	51
Ridgeview Co	Ridgeview.....	Coke Yard Inside.....	20	2	2	2	2	2	2	2	2	2	2	2	2	25	20	45	45
Ephraim Creek C. & Co. Co.....	Buffalo.....	Coke Yard Inside.....	92	56	56	56	56	56	56	56	56	56	56	56	56	156	21	177	177
Quinnimont C. Co.....	Big Q.....	Coke Yard Inside.....	19	1	1	1	1	1	1	1	1	1	1	1	1	57	12	5	74
Glendale Col- liery Co.....	Glendale.....	Coke Yard Inside.....	41	4	4	4	4	4	4	4	4	4	4	4	4	50	5	55	55
Laurel Creek C. Co.....	Laurel.....	Coke Yard Inside.....	35	3	3	3	3	3	3	3	3	3	3	3	3	40	8	43	43
Export Coal Co	Robins.....	Coke Yard Inside.....	5	1	1	1	1	1	1	1	1	1	1	1	1	38	6	44	44
Greenwood C. Co.....	Greenwood.....	Coke Yard Inside.....	60	50	50	50	50	50	50	50	50	50	50	50	50	110	30	140	140
Hemlock Hol- low C. & C. Co	Hemlock.....	Coke Yard Inside.....	14	16	16	16	16	16	16	16	16	16	16	16	16	100	15	115	115

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white.)	Negro	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scottish.	Lithvich.	Greek.	Irish.	Slavish.	Serbian.	Japanese.	Syrian.	Spanish.	Romanian.	French.	Unknown.	Total Inside Employees.	Total Outside (exclusive of coke yard.)	Total Coke Employees.	Grand Totals.
Fayette County. New River & Pocahontas Cons. Coal Co	ty. —Cont'd. Layland (3).	Inside	30	21	5		12					2								12	2			4								90	20		110	
		Outside	18	2																												14				
do	B. No. 1	Coke Yard		14																																
		Inside	2																																	
do	No. 2	Coke Yard	54	31			15		20	10	7									30												167	15		16	
		Inside	6	9																																
do	No. 3	Coke Yard	62	32			15		15		5									10												164	16		182	
		Inside	8	8																																
do	No. 4	Coke Yard	54	24			20		23	3	10									10												164	12		180	
		Inside	6	6																																
do	No. 5	Coke Yard	72	37	14		20		20	20	10								25				6									224	16		176	
		Inside	8	8																																
Newlyn Coal Co.	Newlyn.	Coke Yard	7	1							1													2								12	3		240	
		Inside	3																		1															
Meadow Fork C. Co.	Meadow Fork	Coke Yard		6						1																						18	3		15	
		Inside	9																																	
Dunglen C. Co.	No. 1	Coke Yard																														29	5		21	
		Inside																																		
Nichol Colliery Co.	Nichol	Coke Yard																														40	7		34	
		Inside																																		
McKell C. & C. Co.	Derryhale	Coke Yard	26	37	10		38		11			3								1												126	11		47	
		Inside	4	4			3																													
do	Kilsyth.	Coke Yard																														272	13		137	
		Inside																																		
		Coke Yard																														13			285	

Olendenin M. Co	Taggart	Inside	3	1	3	4
		Outside	1	1	1	4
		Coke Yard	28	28	28	6
		Inside	6	6	6	34
		Outside	25	25	25	34
		Coke Yard	9	9	9	34
The Olay C. Co.	Gaghan	Inside	25	25	25	34
		Outside	9	9	9	34
Mill Creek	Mill Creek	Coke Yard	48	48	48	34
Cannel C. Co	Wills Hollow	Inside	10	10	10	58
	1 & 2	Outside	37	37	37	58
Blue Creek C.		Coke Yard	6	6	6	43
& L. Co.		Inside	11	11	11	43
do	Blakelley 3 & 4	Outside	2	2	2	13
		Coke Yard	14	14	14	18
		Inside	4	4	4	60
Columbia C.	Shrader Nos.	Outside	55	55	55	194
M. Co.	1 & 2	Inside	4	4	4	10
		Coke Yard	170	170	170	31
		Outside	18	18	18	61
Roderick Coal	Roderick	Inside	8	8	8	105
Co.		Outside	2	2	2	241
		Coke Yard	28	28	28	54
		Inside	3	3	3	20
The Campbells		Outside	53	53	53	2
Creek C. Co.	Calderwood	Coke Yard	8	8	8	20
		Inside	5	5	5	20
		Outside	170	170	170	2
		Coke Yard	18	18	18	20
do	Putney Nos.	Inside	8	8	8	20
	1 & 3	Outside	2	2	2	20
		Coke Yard	201	201	201	20
Kanawha	Belle	Inside	19	19	19	6
Block C. Co.		Outside	40	40	40	8
		Coke Yard	8	8	8	16
		Inside	16	16	16	2
Quincy Coal Co.	No. 1	Outside	40	40	40	2
		Coke Yard	8	8	8	2
		Inside	16	16	16	2
"	No. 2	Outside	40	40	40	2
		Coke Yard	8	8	8	2
		Inside	16	16	16	2
Sunday	No. 101	Outside	40	40	40	2
Creek Co.		Coke Yard	8	8	8	2
		Inside	16	16	16	2
do	No. 105	Outside	40	40	40	2
		Coke Yard	8	8	8	2
		Inside	16	16	16	2
do	No. 106	Outside	40	40	40	2
		Coke Yard	8	8	8	2
		Inside	16	16	16	2
do	No. 108	Outside	40	40	40	2
		Coke Yard	8	8	8	2
		Inside	16	16	16	2

Republic O. Co.	No. 1	Inside Outside... Coke Yard	18		17							1				35	8	43
do	No. 2	Inside Outside... Coke Yard	15	13	4	1						7	1			48	26	74
do	No. 3	Inside Outside... Coke Yard	27	1												28	5	33
West Virginia Colliery Co....	No. 1	Inside Outside... Coke Yard	29	22	26							10	2			87	32	139
do	No. 2	Inside Outside... Coke Yard	21	1	4	1						3	1			33	6	39
do	No. 3	Inside Outside... Coke Yard	5	4	6											19	7	26
do	No. 4	Inside Outside... Coke Yard	4	3	4											11	6	17
Cabin Creek Cons. O. Co.	Acme	Inside Outside... Coke Yard														19	7	26
do	Keystone	Inside Outside... Coke Yard														58	10	68
do	Empire	Inside Outside... Coke Yard														39	10	49
do	Buckeye	Inside Outside... Coke Yard														17	2	19
do	Shamrock	Inside Outside... Coke Yard														69	5	74
do	Belleclare	Inside Outside... Coke Yard														42	4	46
do	Ruby	Inside Outside... Coke Yard														19	6	25
do	Holly	Inside Outside... Coke Yard														54	5	59
do	Quarrier	Inside Outside... Coke Yard														52	5	57

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scotch.	Irish.	Greek.	Slavish.	Servian.	Japanese.	Syrian.	Spanish.	Romanian.	French.	Unknown.	Total inside Employees.	Total Outside of coke yard.	Total Coke Employees.	Grand Totals.
Putnam County Plymouth C. & Plymouth M. Co.....		Inside....																													36	7		43	
	do	Outside....																													91	9			
	do	Coke Yard																													47	9		160	
The Otto Mar- met C. & M Co		Inside....																													250	130		56	
	do	Outside....																													130	28		380	
	do	Coke Yard																													107	357		385	
Black Betsey C. & M. Co		Inside....	224	10			4			6																					28	15		23	
	do	Outside....																													15	8			
	do	Coke Yard																													11	2			
The Oak Forest C. & M. Co		Inside....	14												1																				
	do	Outside....													1																				
	do	Coke Yard																																	
Alpha C. M. Co		Inside....	11																																
	do	Outside....	2																																
	do	Coke Yard																																	
Totals			258	10		4			6						2		6													714	807	193	1,000		
Greenbrier County.		Inside....	19				6																												
	do	Outside....	2				3																												
	do	Coke Yard																																	
Totals			21			9																									25	5		30	
Raleigh County		Inside....	11	2																															
	do	Outside....	2																																
	do	Coke Yard																																	
Big Coal Co....		Inside....	46	10																															
	do	Outside....	8	4																															
	do	Coke Yard																																	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scotch.	Lithvitch.	Greek.	Irish.	Slavish.	Serbian.	Japanese.	Syrian.	Spanish.	Roumanian.	French.	Unknown.	Total Inside Employees	Total Outside (exclusive of coke yard).	Total Coke Employees	Grand Totals.	
<i>Raleigh County.</i>																																					
Home O. Co.	Lewis	Inside																														17	1		18		
Beckley O. & O. Co.	Beckley	Coke Yard																														110	15		125		
		Inside																														15					
Mabscott O. & C. Co.	Mabscott	Coke Yard																														60	8		68		
		Inside																														8					
Granberry Fuel Co.	Granberry	Coke Yard	7	4	4																											27	19		46		
		Inside	5	2	12																											30	5		35		
		Outside																																			
do	Prosperity	Coke Yard	14	3																																	
		Inside	5																																		
do	Skelton	Coke Yard	31	14	2																												61	14		75	
		Inside		4	10																																
do	Sprague	Coke Yard	34																																		
		Inside	7																																		
Price Hill Fuel Co.	Price Hill	Coke Yard																																			
		Inside																																			
		Outside.																																			
		Coke Yard																																			
Totals.			718	304	28	25	2	23	2	46	2	6	2	4																		527	1,506	223	1,729		
<i>Lincoln County</i>																																					
Rochester O.Co	Rochester	Inside	3	1																													4	1		5	
		Outside.	1																																		
Branchland O. Co		Coke Yard	23																																		
		Inside	11																																		
		Outside.																																			
		Coke Yard																																			
Totals			38	1																													27	12		39	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
1907.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Welsh.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scotch.	Latvian.	Greek.	Irish.	Slovak.	Serbian.	Japanese.	Syrian.	Spanish.	Romanian.	French.	Unknown.	Total Inside Employees.	Total Outside (exclusive of coke yard).	Total Coke Employees.	(Grand Totals.
Mingo County, Williamson Co. & Co.	—Cont'd No 2.	Inside.....	30	3	2		3																									38	6		44	
Winifred & Sons Co.	Sugar Tree.	Outside.....	5	1																												25	5		30	
Howard Colliery Co.	Howard	Coke Yard.....																														49	12		61	
Chattahoochee Colliery Co.	Chattahoochee	Outside.....	35				4																									75	10		85	
The Buffalo Collieries Co.	Buffalo	Coke Yard.....	23				2																									25	6		31	
Leitch & Taylor	Rawl No 1.	Outside.....	25																													25	5		30	
Walnut Hill Co. & M. Co.	Walnut Hill	Coke Yard.....	35																													35	8		43	
Lingoheeken Co.	Lingoheeken	Inside.....	17	3	5																											25	32		57	
Warfield Co.	Warfield	Outside.....	23	1	8																											20	5		25	
Sycamore Co.	Sycamore	Coke Yard.....	25																													20	2		31	
Mattie May & Co.	Mattie May	Inside.....																														2	2		2	
		Outside.....	8																													8	4		12	
		Coke Yard.....	4																																12	
Totals	Totals		601	123	35		57					2			1	12																1767	2,256	347	2,603	

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, FOR YEAR ENDING JUNE 30TH,
19 07.

NAME OF COMPANY.	NAME OF MINE.	Where Employed.	American (white).	Negro.	Italian.	Canadian.	Hungarian.	Macedonian.	Lithuanian.	Polish.	Bulgarian.	Swedish.	English.	Danish.	Austrian.	Belgian.	Russian.	Bohemian.	German.	Scotch.	Lithvitch.	Greek.	Irish.	Slavish.	Servian.	Japanese.	Syrian.	Spanish.	Roumanian.	French.	Unknown.	Total inside Employes.	Total outside of coke yard (exclusive of coke yard.)	Total Coke Employes.	Grand Totals.		
McDowell Cons. Co.	nter-Cont'd	Inside	8	10																												28			28		
	West.....	Outside... Coke Yard				10																										186	22	50	258		
	Elkhorn Co.....	Inside... Outside... Coke Yard	29 6 3	42 16 25		65																											72	28	100		
	Zenith O. & O. Co.	Inside... Outside... Coke Yard	16 18 21	32 6		5														1												80	25		125		
	The Tidewater O. & O. Co.	Inside... Outside... Coke Yard	15 10	50 10																													146	40		220	
	Bottom Creek O. & O. Co.	Inside... Outside... Coke Yard	19 23	65 11		1					42 1									2													143	8		193	
	Peerless O. & O. Co.	Inside... Outside... Coke Yard	35 6 2	47 2 42		1					5 5																						200	20		290	
	The Empire O. & O. Co.	Inside... Outside... Coke Yard	40 5 3	140 15		5										10																	120	20		180	
	Shawnee O. & O. Co.	Inside... Outside... Coke Yard	25 5 5	35 15 35		25										10																		140	15		225
	Eureka O. & O. Co.	Inside... Outside... Coke Yard	40 15 10	80 15 50		20																											266	46		414	
Pulaski Iron Co.	Pulaski.....	Inside... Outside... Coke Yard	49 25 3	125 10		33 9																											149	63		253	
Keystone C & C. Co.	Keystone No. 1 & 2.....	Inside... Outside... Coke Yard	36 35 5	74 33 80		6				2																							150	20		250	
Lynchburg C. & C. Co.	Lynchburg.....	Inside... Outside... Coke Yard	50 20 10	80 20 60		15																											80	20		250	

[illegible]

TABLE SHOWING AVERAGE PRICE PAID PICK MINERS PER YEAR
AND MONTH FROM 1897-1907, INCLUSIVE.

YEAR.	Avg. earnings of each pick miner per		Average price per ton of 2,240 lbs. received for pick mining. (Run-of-mine.)
	Year.	Month.	
1897	\$ 275.58	\$ 22.96	\$.35 1-5
1898	316.39	26.36	.35 9-10
1899	367.84	30.65	.36 12
1900	451.77	37.65	.41 06
1901	459.56	38.29	.44 1/2
1902	533.56	44.46	.47 1/2
1903	499.06	41.59	.49 1/2
1904	484.96	40.41	.49 1/2
1905	508.01	42.17	.47
1906	599.37	49.95	.48
1907	643.05	53.59	.49

WAGES PAID AND SELLING PRICE OF COAL AND COKE FOR THE
YEAR ENDING JUNE 30TH, 1907.

COUNTY.	Paid Pick Miners per Ton of 2,240 lbs.			Trackmen's Daily Wages	Selling Price of	
	Run-of-Mine		Screened		Coal (Tons of 2,240 lbs.)	Coke (Tons of 2,000 lbs.)
	Room.	Heading					Room.
Brooke.....	\$. 66	.....	\$ 1.00	\$ 2.54	\$ 1.15	.....
Hancock.....	.54	.....	.78	2.18	1.15	.....
Marion.....	.44	.49	.....	2.11	1.01	2.06
Monongalia.....	.43	.50	.....	1.98	.94	2.22
Marshall.....	.64	.....	.90	2.56	1.06	.....
Ohio.....	.63	.....	.97	2.56	1.17	.....
Barbour.....	.39	.45	.....	1.97	.89	1.90
Gilmer.....	.42	.....	.....	.....	1.12	.....
Harrison.....	.43	.49	.....	2.22	.95	2.00
Lewis.....	.42	.51	.....	.....	1.01	.....
Taylor.....	.36	.43	.....	1.97	.96	.....
Upshur.....	.49	.....	.....	2.25	.84	1.80
Grant.....	.53	.....	.....	2.00	.98	.....
Mineral.....	.61	.....	.....	2.26	1.05	.....
Preston.....	.49	.60	.....	2.27	.93	2.36
Randolph.....	.38	.....	.....	2.02	.70	2.00
Tucker.....	.43	.....	.....	2.12	1.07	2.40
Braxton.....	.43	.....	.....	.....	1.00	.....
Clay.....	.57	.....	.....	1.95	1.13	.....
Fayette.....	.47	Kanawha River Series		2.17	1.01	2.39
	.49	.55	New River Proper	2.18	1.25	2.87
	.40	.50	Loup Creek	2.31	1.35	2.50
Kanawha.....	.53	.56	.83	2.27	1.12	2.75
Mason.....	.63	.....	.80	1.90	1.15	.....
Nicholas.....	.58	.....	.86	2.25	1.03	.....
Putnam.....	.63	.....	.73	2.09	1.25	.....
Greenbrier.....	.50	.....	.....	.....	1.10	.....
Raleigh.....	.43	.48	.....	2.38	1.25	.....
Lincoln.....	.56	.....	.....	.....	1.09	.....
Logan.....	.43	.53	.....	2.25	1.05	.....
Mingo.....	.45	.49	.....	2.26	1.03	.....
Wayne.....	.48	.....	.73	1.50	.73	.....
McDowell.....	.37	.47	.....	2.20	1.18	2.25
McDowell.....	.43	.50	.....	2.10	1.15	2.50
	Pocahontas Thin Vein		.....	.....	.....	.....
Mercer.....	.40	.45	.....	2.15	1.09	2.12
Averages.....	\$. 49	\$.50	\$.85	\$ 2.16	\$ 1.05	\$ 2.29

	07					06	Long Ton Room. Long Ton Heading.
Kanawha	2.00	.31	.36	.64	.77	.06	Long Ton Room. Long Ton Heading.
Mason		.36				.24	Day.
Nicholas		.35				.25	Day.
Putnam				.47	.52	.25	Day.
Raleigh		.37				.25	Day.
Lincoln		.41				.23	Day.
Logan		.31	.52			1.00	Room.
			.42			.06	Day.
Mingo		.28				.06	Long Ton Room. Long Ton Heading.
McDowell } Pocahontas No. 3		.29	.33			.01	Day.
McDowell } Pocahontas Thin Veth.		.30	.36			.02	Day.
Mercer		.27				.67	Day.
Averages	2.00	.31	.36	.56	.62	.06	Long Ton Room. Long Ton Heading.
						.09	Long Ton Room. Long Ton Heading.
						.11	Long Ton Room. Long Ton Heading.
						.14	Long Ton Room. Long Ton Heading.
						.15	Long Ton Room. Long Ton Heading.
						.12	Long Ton Room. Long Ton Heading.
						.12	Long Ton Room. Long Ton Heading.
						.57	Long Ton Room. Long Ton Heading.

STATEMENT OF THE TONNAGE OF COAL AND COKE FROM THE COLLIERIES IN WEST VIRGINIA, HANDLED
AND TRANSPORTED BY THE RAILROADS IN THE STATE DURING THE TWELVE MONTHS ENDING JUNE
30TH, 1907.

(Quantities are expressed in tons of 2,000 lbs.)

Name of Railroad Company.	Total tons handled.		Tons originating on the line.		Tons delivered to the line by other railroads in West Virginia.				Tons delivered to the line by other lines in West Virginia.		Va. fuel used by the line in the state.		Railroads and docks to which product is delivered for distribution.	Points of destination of the product.	
	Coal.	Coke.	Coal.	Coke.	Coal.	Coke.	Coal.	Coke.	Coal.	Coke.	Coal.	Coke.		East.	West.
Baltimore & Ohio R. R. Company	10,014,140	611,014	9,643,983	313,689	370,157	297,325							Loanest Point, Cleveland & Sandusky.	Philadelphia, Baltimore & Atlantic Coast.	Chicago, Lake points & Northwest.
Western Maryland R. R. Co. Va. Div.	2,395,736	423,010	2,375,401	418,841	20,385	4,169	33,924	3,985	132,383	none			B. & O. R. R. P. & O. R. Ry. & Md. Div. W. M. R. R.	Balto. Pt. Covington Piers R. Ry. & Pt. Reading, Elizabeth & Delaware river Piers, and other points.	Chicago, St. Louis and Intermediate points.
Kanawha & Michigan Ry. Co.	2,249,813	192,742	2,048,520	168,772	201,293	23,970							Hocking Valley & T. & O. Rys. and docks at Toledo, Ohio.		
Norfolk & Western Ry. Co.	9,699,860	2,047,657	9,660,433	2,045,259	39,227	2,398	196	348	No record.				Lambert Pt. Piers, S. A. Lane, So. Ry. Toledo & Sandusky docks, A. O. J. L. & N. R. R. & O. R. Ry.	Foreign Ports & Atlantic Coast, Va. N. & S. C. points	Cincinnati, Lake points, Chicago & Western Cities.
Chesapeake & Ohio Ry.	9,665,415	456,652	9,327,936	328,760	337,477	127,892	25,539	1,325	628,899	900			O. & O. docks at Newport News, Va. & various Rys.	Coastwise, Export, New York & New England.	Cincinnati, Louisville, Chicago, Toledo, St. Louis and other points.
Coal & Coke Ry. Co.	328,109	88,996	326,729	88,549	1,380	417	308,839	88,640	37,026	none			B. & O. R. R. West Md. R. R. & K. & M. Ry.	Pt. Covington, Pt. Reading Piers, Pt. Richmond & P. & R. Ry. Penn. Ry.	Lake points, Chicago, St. Louis and Intermediate points.
Totals	34,353,073	3,820,041	33,383,204	3,363,870	969,869	456,171	368,498	94,298	798,308	900					

+ Estimated.

NUMBER OF KEGS OF POWDER USED AT THE MINES, BY COUNTIES, FOR 1907.

COUNTY.	No. of opera- tions re- porting.	Tons of coal (tons of 2,240 lbs.).	Kegs of powder used.	Tons per keg used.	Cost per keg to miner.
Brooke.....	6	486,022	4,444	109	\$ 3.55
Hancock.....	3	78,280	1,560	50	1.43
Marion.....	17	3,031,735	36,635	83	1.70
Monongalia.....	4	238,665	2,940	81	1.82
Marshall.....	3	417,165	2,550	163	1.60
Ohio.....	8	133,516	1,238	81	1.65
Barbour.....	11	673,367	10,037	67	1.63
Harrison.....	36	3,162,191	36,243	81	1.67
Lewis.....	1	5,528	400	14	1.50
Taylor.....	8	413,616	3,865	108	1.53
Upshur.....	2	31,973	536	59	1.45
Mineral.....	10	254,614	8,952	28	1.55
Preston.....	12	940,295	14,166	66	1.57
Randolph.....	6	609,380	9,951	61	1.66
Tucker.....	4	543,801	5,208	104	1.81
Braxton.....	2	55,774	1,119	49	1.75
Olay.....	4	60,252	1,910	31	1.75
Fayette.....	92	5,919,777	84,628	70	1.90
Kanawha.....	70	2,800,965	40,844	69	1.67
Mason.....	5	84,783	2,355	36	1.75
Nicholas.....	8	57,412	1,855	31	1.75
Putnam.....	6	401,306	10,575	38	1.75
Greenbrier.....	1	31,978	925	34	1.75
Raleigh.....	21	972,000	7,239	134	1.85
Lincoln.....	1	3,304	100	33	1.50
Logan.....	15	727,682	9,949	73	1.47
Mingo.....	30	1,462,441	23,518	62	1.79
Wayne.....	1	25,217	1,168	22	1.75
McDowell.....	60	6,339,019	92,690	68	1.92
Mercer.....	13	1,598,431	26,389	60	1.96
Totals.....	460	31,560,690	443,989	72	1.68

STEAM BOILERS AT MINES—1907.

COUNTY.	No. of mines having boilers.	No. of boilers insured.	No. of boilers not insured.	Total No. of boilers.
Brooke	5	7	.....	7
Hancock	1	2	.....	2
Marion	18	24	55	79
Monongalia	5	6	2	8
Marshall	5	11	1	12
Ohio	3	1	3	4
Barbour	3	19	8	27
Harrison	28	20	44	64
Taylor	7	8	2	10
Upshur	3	2	1	3
Grant	2	7	.....	7
Mineral	7	3	5	8
Preston	15	34	2	36
Randolph	5	13	.....	13
Tucker	6	20	.....	22
Braxton	1	.....	2	1
Clay	1	.....	1	1
Fayette	77	162	21	183
Kanawha	76	87	36	123
Mason	4	.....	7	7
Nicholas	4	2	4	6
Putnam	7	2	14	16
Greenbrier	1	.....	1	1
Raleigh	15	38	2	40
Lincoln	1	.....	2	2
Logan	10	16	2	18
Mingo	13	40	21	61
McDowell	45	131	35	166
Mercer	17	48	6	54
Totals	385	703	278	981

SUMMARY OF THE NUMBER OF MINE LOCOMOTIVES IN THE
STATE—1907.

COUNTY.	No. mines using locomotives.	Locomotives.			
		Steam.	Electric.	Comp. air	Sum total.
Brooke	5	7	7	7	7
Hancock	1	1	1	1	1
Marion	12	26	26	26	26
Monongalia	4	10	10	10	10
Marshall	3	7	7	7	7
Ohio	2	2	2	2	2
Barbour	7	10	10	10	10
Harrison	15	1	19	20	20
Taylor	1	2	2	2	2
Upshur	2	1	1	1	1
Grant	1	3	3	3	3
Mineral	2	2	2	2	2
Preston	6	13	13	13	13
Randolph	2	4	4	4	4
Tucker	9	2	13	15	15
Fayette	77	22	113	1	136
Kanawha	62	3	72	75	75
Mason	1	1	1	1	1
Nicholas	4	4	4	4	4
Putnam	4	5	5	5	5
Raleigh	16	3	18	21	21
Logan	6	7	7	7	7
Mingo	13	6	15	1	22
McDowell	57	24	75	2	101
Mercer	21	13	11	24	24
Totals	333	76	439	4	519

**NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES—
1907.**

NAME OF COMPANY.	NAME OF MINE.	Locomotives.		
		Steam.	Electric.	Comp. Air.
<i>Brooke County.</i>				
The La Belle Coal Co.	Lewis No. 1		1	
Beech Bottom Coal Co.	Beech Bottom No. 1		2	
Lewis-Findley Coal Co.	Locust Grove		1	
La Belle Iron Works	La Belle Shaft		2	
Rex Carbon Coal Co.	No. 1		1	
Total.			7	
<i>Hancock County.</i>				
The Marquet Coal Co.	Nos. 4 & 5		1	
Total.			1	
<i>Marion County.</i>				
Fairmont Coal Co.	Montana		1	
"	Shaft		1	
"	New England		6	
"	Ruston		2	
"	Monongah Nos. 2, 3 & 5		3	
"	" No. 6		5	
"	" No. 8		1	
"	Anderson		1	
"	Middleton		2	
"	Chiefton		1	
The Virginia & Pittsburg Coal & Coke Co.	King		2	
Kilarm Coal & Coke Co.	Kilarm		1	
Total.			26	
<i>Monongalia County.</i>				
Fairmont Coal Co.	Beechwood		1	
Elkins Coal & Coke Co.	Richard		3	
"	Sabraton		3	
Connellsville Basin Coke Co.	Connellsville		3	
Total.			10	
<i>Marshall County.</i>				
Hitchman Coal & Coke Co.	Hitchman		2	
Wheeling Steel & Iron Co.	Benwood		4	
Glendale Coal Co.	Glendale		1	
Total.			7	
<i>Ohio County.</i>				
Richland Coal Co.	Richland		1	
Elm Grove Coal Co.	Elm Grove		1	
Total.			2	
<i>Barbour County.</i>				
Philippi Collieries Co.	Nos. 1, 2, 3 & 4		3	
Southern Coal & Trans. Co.	Berryburg		4	
Century Coal Co. of W. Va.	Century No. 1		2	
Miller Coal & Coke Co.	Sara		1	
Total.			10	
<i>Harrison County.</i>				
Clarksburg Fuel Co.	Fall Run		1	
"	Two Lick		1	
Fairmont Coal Co.	Enterprise		2	
"	Viropa		2	
"	Gypsy		3	
"	Mendowbrook		1	
"	Dunham		1	
Pittsburg & Fairmont Fuel Co.	Perry		1	
Cook Coal & Coke Co.	Girard No. 1		1	

NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES—
1907.—Continued.

NAME OF COMPANY.	NAME OF MINE.	Locomotives.		
		Steam.	Electric.	Comp. Air.
<i>Harrison County—Cont'd.</i>				
Meadowbrook Coal & Coke Co.	Erie.....		1	
Madeira-Hill-Clark Coal Co.	New Chieftain & Randolph		2	
Hutchinson Fuel & Supply Co.	Hutchinson		1	
Pitcairn Coal Co.	Pitcairn	1	1	
Corona Coal & Coke Co.	Harold		1	
Totals		1	19	
<i>Taylor County.</i>				
Pittsvein Coal Co.	Flemington		2	
Total			2	
<i>Upshur County.</i>				
Red Rock Fuel Co.	Nos. 1 and 2		1	
Total			1	
<i>Grant County.</i>				
Davis Coal & Coke Co.	No. 22		2	
Total			3	
<i>Mineral County.</i>				
Davis Coal & Coke Co.	No. 9	1		
The Big Vein Coal Co. of W. Va.	Big Vein.....	1		
Total		2		
<i>Preston County.</i>				
Austen Coal & Coke Co.	Austen No. 1		2	
	No. 2		1	
Merchants Coal Co.	Merchants No. 2		3	
Atlantic Coal & Coke Co.	Atlantic		1	
Elkins Coal & Coke Co.	Bretz.		4	
	Kingwood		2	
Total			13	
<i>Randolph County.</i>				
Davis Colliery Co.	No. 1		2	
	No. 3		2	
Total			4	
<i>Tucker County.</i>				
Davis Coal & Coke Co.	No. 23		3	
	No. 25		1	
	No. 34		2	
	No. 35		1	
	No. 36		2	
	No. 37		4	
Cumberland Coal Co.	Nos. 3 and 4	1		
	No. 5	1		
Totals		2	13	
<i>Fayette County.</i>				
Sunday Creek Co.	No. 112		1	
	Nos. 114 and 114 X		2	
	No. 115		2	
	No. 117		1	
The Columbus Iron & Steel Co.	No. 1		3	
Kanawha Gas Coal Co.	Kanawha Gas		1	
W. R. Johnson & Co.	Oakland		2	
Boomer Coal & Coke Co.	No. 1		2	

*NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES—
1907.—Continued*

		Locomotives.		
NAME OF COMPANY.	NAME OF MINE	Steam.	Electric.	Comp Air
Fayette County—Cont'd.				
Boomer Coal & Coke Co.	No. 2 North Side.		1	
	No. 2 South Side.		1	
	No. 3.		2	
The Gauley Mountain Coal Co.	Nova Scotia.	4	4	
Gaymont Colliery Co.	Gaymont.		1	
Beury-New River Coal Co.	Elmo.		1	
Sunbury Coal & Coke Co.	Sunnyside.		1	
Nuttallburg Coal & Coke Co.	Nuttallburg.		2	
Keeneys Creek Colliery Co.	Boone.	1		
	Smokeless.		1	
Rothwell Coal Co.	Dubree.		1	
Penna. & New River Coal Co.	Kohinoor.		1	
Fire Creek Coal & Coke Co.	Fire Creek.	1		
Lynchburg Colliery Co.	Lynchburg No. 2.	1		
Eureka Colliery Co.	Eureka Gas No. 13.		1	
	Eureka Splint No. 14.		1	
Mecca Coal & Coke Co.	Mecca No. 2.		1	
The Carver Bros. Co.	Nos. 2 & 3.		1	
	No. 1 & Eagle.		2	
	Diamond.	1		
W. R. Johnson.	No. 5 Splint.	1		
The Mt. Carbon Co., Ltd.	Vulcan & South.		1	1
Great Kanawha Colliery Co.	Brewster.		2	
Cardiff Coal Co.	Kimberly.		1	
Loup Creek Colliery Co.	Eagle & Ansted.	2		
South Side Co.	South Side.		1	
The Goshen Iron Co.	Elverton.		1	
The Low Moor Iron Co., of Va.	Kaymoor No. 1.		2	
Brown Coal Co.	Brown.	1		
New River Collieries Co.	Red Ash No. 5.		2	
	Rush Run No. 4.		2	
	Sun Nos. 1, 2 & 3.		5	
The Thurmond Coal Co.	Thurmond No. 1.		2	
	No. 2.		1	
Stone Cliff Coal & Coke Co.	Stone Cliff.		1	
Alaska Coal & Coke Co.	Alaska.	1		
Ridgeview Coal Co.	Ridgeview.	1		
Ephraim Creek Coal & Coke Co.	Buffalo.			
Quinnimont Coal Co.	Big Q.	1		
Glendale Colliery Co.	Glendale.	1		
Greenwood Coal Co.	Greenwood.	2		
Hemlock Hollow Coal & Coke Co.	Hemlock.	1		
New River & Pocahontas Cons. Coal Co.	Layland.		5	
	B. No. 1.	1		
	No. 2.		4	
	No. 3.		5	
	No. 4.		4	
	No. 5.		6	
The Dungen Coal Co.	Dungen No. 1.	1		
Nichol Colliery Co.	Nichol.		1	
McKell Coal & Coke Co.	Derryhale.		2	
	Kilsyth.		3	
The Star Coal & Coke Co.	Star.		2	
Collins Colliery Co.	Collins Nos. 1 & 2.		5	
White Oak Fuel Co.	Wingrove.		1	
	Scarbro.		5	
	Whipple.		2	
	Carlisle.		2	
	Oakwood.		1	
Stuart Colliery Co.	Stuart.		1	
Dunn Loop Coal & Coke Co.	Dunn Loop No. 1.	1		
Totals.		22	113	1
Kanawha County.				
The Campbells Creek Coal Co.	Nos. 1 & 3.		4	
Quincy Coal Co.	No. 2.		1	
Sunday Creek Co.	No. 101.		1	

**NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES—
1907.—Continued**

		Locomotives.		
NAME OF COMPANY.	NAME OF MINE.	Steam.	Electric.	Comp. Air.
Kanawha County—Cont'd				
Sunday Creek Co.	No. 105		2	
	No. 106		1	
	No. 109		1	
	No. 110		1	
Kellys Creek Colliery Co.	No. 1		2	
	No. 3		2	
	No. 3½		1	
Hughes Creek Coal Co.	Lugheston Nos. 2 & 3		1	
Cannelton Coal Co.	No. 2		1	
The Marmet Coal Co.	Monarch Nos. 1 & 2		2	
	Butler		2	
Black Band Coal & Coke Co.	No. 1		2	
Winifrede Coal Co.	Gas		1	
	North		1	
	West		1	
Coalburg Colliery Co.	Ronda		1	
Dry Branch Coal Co.	Belmont & Coalburg		2	
Wyatt Coal Co.	Oakley		1	
	Berlin		1	
Wake Forest Mining Co.	Wake Forest		1	
Lamont Mining Co.	No. 1 & 3		1	
Carbon Coal Co.	South		2	
	No. 3		1	
Republic Coal Co.	No. 1		1	
	No. 2		1	
	No. 3		2	
West Virginia Colliery Co.	No. 2		1	
Cabin Creek Cons. Coal Co.	Shamrock		2	
	Belleclare		1	
	Keystone		2	
	Empire		1	
	Davis		1	
	Red Warrior		1	
	Cherokee		1	
	Raccoon		1	
	United Gas		1	
	Kayford		2	
Belmont Coal Co.	New Coalburg		2	
Equitable Coal Co.	No. 8		2	
Paint Creek Collieries Co.	Knickerbocker	1		
	Scranton		2	
	Paint Creek		2	
	Grose No. 2		2	
	Nuckolls	1		
	Banner No. 1		1	
Standard Splint & Gas Coal Co.	Standard		1	
Imperial Colliery Co.	No. 1		1	
	No. 2		1	
Chesapeake Mining Co.	No. 1		1	
	Nos. 2 & 3	1		
Montgomery Coal Co.	Kanawha		1	
Morris Creek Coal Co.	Morris Creek		1	
Totals		3	72	
Mason County.				
Consumers Coal & Mining Co.	Camden		1	
Total			1	
Nicholas County.				
Bell Creek Coal Co.	Bell Creek		1	
The Columbus Coal Co.	No. 1		1	
Kentucky Coal & Lumber Co.	Cambria		1	
	Mt. Carmel		1	
Total			4	

**NUMBER AND KINDS OF LOCOMOTIVES IN USE AT THE MINES—
1907.—Continued**

		Locomotives.		
NAME OF COMPANY.	NAME OF MINE.	Steam.	Electric.	Comp. Air
McDowell County.—Cont'd.				
Keystone Coal & Coke Co.	Keystone Nos. 1 & 2.		1	
Lynchburg Coal & Coke Co.	Lynchburg.	22		
Powhatan Coal & Coke Co.	Powhatan.			
Upland Coal & Coke Co.	Nos. 1 & 2.		1	
Houston Coal & Coke Co.	Nos. 1 & 2.		3	
Crozer Coal & Coke Co.	No. 1.		3	
	No. 2.		1	
Turkey Gap Coal & C. Co.	Turkey Gap.	2		
Big Sandy Coal & Coke Co.	Big Sandy.		2	
	Marytown.			
Twin Branch Mining Co.	Twin Branch.		1	
J. B. B. Collieries Co.	J. B. B. No. 2.		1	
	3.		1	
	4.		2	
	5.		2	
Superior-Pocahontas Coal Co.	No. 1.		1	
United States Coal & Coke Co.	No. 1.		2	
	No. 2.		2	
	No. 3.		3	
	No. 4.		1	
	No. 5.		1	
	No. 6.		3	
	No. 7.		2	
Mohawk Coal & Coke Co.	Mohawk.	1		
Page Coal & Coke Co.	Nos. 1 & 2.		3	
The Middle States Coal & Coke Co.	No. 11.		4	
New River & Pocahontas Con. Coal Co.	No. 1.		2	
	No. 1½.		3	
	No. 2.		1	
Totals.....		24	75	2
Mercer County.				
Mill Creek Coal & Coke Co.	Mill Creek.	2	1	
Coaldale Coal & Coke Co.	Coaldale.		1	
Buckeye Coal & Coke Co.	Buckeye.	2		
Pocahontas Cons. Collieries Co.	Caswell Creek.	4		
Booth-Bowen Coal & Coke Co.	Booth-Bowen.	1		
Louisville Coal & Coke Co.	Louisville 1, 2 & 3 Goodwill & Baby.		2	
Pinnacle Coal & Coke Co.	South & North.		1	
Crane Creek Coal & Coke Co.	Nos. 1 & 2.		2	
Crystal Coal & Coke Co.	Crystal.		1	
Thomas Coal Co.	Thomas.	1		
The Weyanoke Coal & Coke Co.	Weyanoke.		1	
Spring Coal Mining Co.	Spring.	1		
Piedmont Colliery Co.	No. 1.	1		
Wenonah Coal & Coke Co.	Wenonah.		2	
Hiawatha Coal & Coke Co.	Hiawatha.	1		
Totals.....		13	11	

IMPROVEMENTS.

*IMPROVEMENTS REPORTED MADE AT THE MINES DURING THE
YEAR ENDING JUNE 30TH, 1907*

COUNTY.	New Plants.	Power Plants.	Coke Ovens.	Fans.	Furnaces.	Tipples.	Additional Openings.	Totals.
Brooke	1						1	1
Marion		1						1
Barbour	1		25					26
Gilmer	1					1		2
Harrison	2	2		1			1	4
Lewis	1					1		2
Taylor	4					5	1	10
Mineral				1		2	1	4
Preston	1					1	1	3
Tucker							1	1
Braxton	2					2		4
Olay	1					1		2
Fayette	5	9	52	7		10	1	84
Kanawha	7	5		2		7	2	23
Mason				1		1		2
Nicholas				1				1
Raleigh	1			5		7	1	14
Logan	4					4		8
Mingo	2	3		2		2	1	10
McDowell	4	9		4		9	1	27
Mercer		1		5	1	2		9
Totals	36	30	77	29	1	56	12	241

STRIKES.

*SUMMARY OF THE STRIKES AT COAL MINES IN WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

COUNTY.	Total number of mines reporting strikes.	Total No. of employees thrown out of employment by strikes.	Number of companies reporting in full.	Number of companies reporting loss to employees.	Total loss reported to employees.	No. of companies reporting loss to operators.	Total loss reported to operators.
Marshall.....	1	60	1	1	\$ 6,000.00	1	\$ 1,000.00
Kanawha.....	1	204	1	1	14,000.00	1	6,000.00
Brooke.....	1	210	1	1	250.00	.....	none.
Barbour.....	1	60	1	1			
Totals.....	4	534	3	3	\$ 20,250.00	2	\$ 7,000.00

STRIKES AT THE COAL MINES IN WEST VIRGINIA FOR THE YEAR ENDING JUNE 30TH, 1907.

Name of Mine.	Total employees before strike.	Total employees for whom strike was undertaken.	Total employees thrown out of employment by strike.	Date of		Were works closed in consequence.	Length of time closed. (Working days.)	Cause or object of strike.	How was strike settled.	Loss to Employees.	Loss to Operators.
				Beginning.	Termination.						
Marshall County. Boggs Run.	65	65	60	July 1, 1906	Sept. 16, 1906	Yes	66	Miners wanted higher pay.	Compromised	\$ 6,000	\$ 1,000
Kanawha County. Sunday Creek No. 105.	241	150	204	Mar. 16, 1907	Mar. 31, 1907	Yes	13	Miners thought percentage of fine coal too small.	Agreed to same conditions. . . . .	.....	.....
Brooke County. Locust Grove.	220	4	210	Mar. 20, 1907	Apr. 22, 1907	Part	.....	Interference of union with outside labor.	Returned on Company's terms	14,000	6,000
Barbour County. Arden.	60	1	60	Apr. 23, 1907	Apr. 26, 1907	Yes	3	Demand of men to employ a man who had not worked for us for two years.	Took the man.	250.	.....

DIRECTORY OF THE MINES.

*DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
<i>Brooke County.</i>					
1	*First.	Gilchrist.	drift	A. Gilchrist & Sons' Coal Co.	Wellsburg.....
2	"	Lewis No. 1.	drift	The LaBelle Coal Co.	Wellsburg.....
3	"	Beech Bottom No. 1.	drift	Beech Bottom Coal Co.	Wellsburg.....
4	"	Locust Grove.	drift	Lewis-Findley Coal Co.	Colliers.....
5	"	LaBelle.	shaft	LaBelle Iron Works.	Steubenville, O.
6	"	No. 1.	drift	Rex Carbon Coal Co.	Aveila, Pa.....
<i>Hancock County.</i>					
7	First.	Porter No. 1.	drift	M. M. Cullen.	New Cumberland
8	"	a No. 1.	drift	The Marquet Coal Co.	New Cumberland
9	"	No. 4.	drift	The Marquet Coal Co.	New Cumberland
10	"	No. 5.	drift	The Marquet Coal Co.	New Cumberland
<i>Marion County.</i>					
11	First.	Murray.	drift	Fairmont Coal Co.	Fairmont.....
12	"	Montana.	drift	Fairmont Coal Co.	Fairmont.....
13	"	Shaft.	shaft	Fairmont Coal Co.	Fairmont.....
14	"	New England.	drift	Fairmont Coal Co.	Fairmont.....
15	"	Gaston.	drift	Fairmont Coal Co.	Fairmont.....
16	"	Monongah No. 2.	slope	Fairmont Coal Co.	Fairmont.....
17	"	Monongah No. 3.	drift	Fairmont Coal Co.	Fairmont.....
18	"	Monongah No. 5.	drift	Fairmont Coal Co.	Fairmont.....
19	"	Monongah No. 6.	slope	Fairmont Coal Co.	Fairmont.....
20	"	Monongah No. 8.	drift	Fairmont Coal Co.	Fairmont.....
21	"	Pennois.	drift	Fairmont Coal Co.	Fairmont.....
22	"	a Marion.	drift	Fairmont Coal Co.	Fairmont.....
23	"	Anderson.	drift	Fairmont Coal Co.	Fairmont.....
24	"	Highland.	drift	Fairmont Coal Co.	Fairmont.....
25	"	Middleton.	drift	Fairmont Coal Co.	Fairmont.....
26	"	Chiefton.	drift	Fairmont Coal Co.	Fairmont.....
27	"	Hutchinson.	slope	Fairmont Coal Co.	Fairmont.....
28	"	King.	drift	Virginia & Pittsburg Coal & Coke Co.	Fairmont.....
29	"	Chatham No. 1.	shaft	Georges Creek Coal & Iron Co.	Farmington...
30	"	b Chatham No. 2.	shaft	Georges Creek Coal & Iron Co.	Farmington...
31	"	Federal No. 1.	shaft	Federal Coal & Coke Co.	Fairmont.....
32	"	Stafford.	shaft	New Central Coal Co.	Fairmont.....
33	"	Kilarm.	drift	Kilarm Coal & Coke Co.	Everson.....
34	"	Parker Run.	drift	Parker Run Coal & Coke Co.	Fairmont.....
<i>Monongalia County.</i>					
35	First.	Opekiska.	drift	Opekiska Coal & Coke Co.	Opekiska.....
36	"	Beechwood.	drift	Fairmont Coal Co.	Fairmont.....
37	"	Richard No. 1.	drift	Elkins Coal & Coke Co.	Morgantown...
38	"	Sabraton No. 5.	drift	Elkins Coal & Coke Co.	Morgantown...
39	"	Connellsville.	drift	Connellsville Basin Coal Co.	Richard.....
40	"	Great Scott.	drift	The Great Scott Coal & Coke Co.	Morgantown..
41	"	b Round Bottom.	drift	Niagara Coal & Coke Co.	Morgantown...
<i>Marshall County.</i>					
42	First.	Hitchman.	slope	Hitchman Coal & Coke Co.	Wheeling.....
43	"	Boggs Run.	drift	Boggs Run Mining & Manufacturing Co.	Wheeling.....
44	"	Benwood.	drift	Wheeling Steel & Iron Co.	Wheeling.....
45	"	Glendale.	shaft	Glendale Coal Co.	Glendale.....
46	"	Mound City.	shaft	Clearfield & Ohio River Coal Co.	Moundsville...
47	"	Glen Easton.	shaft	The Glen Easton Coal & Coke Co.	Moundsville...
48	"	c.	shaft	Bituminous Coal Co. of America.	Moundsville...

*First District, Edward V. Byrne, Inspector. a Abandoned. b Idle during the year. c Just being developed.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS. SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total inside employees.	No.
Alexander Gilchrist..	Wm. Gilchrist.....	Pgh. No. 8	5 - 0..	furnace...	55	1
O. L. Marquet.....	Wilson Holmes.....	Pgh. No. 8	5 - 0..	furnace...	54	2
Elmer Hough.....	J. R. Patrick.....	Pgh. No. 8	5 - 6..	fan.....	86	3
E. H. Lace.....	Harry Cole.....	Pgh. No. 8	4 - 8..	fan.....	199	4
P. J. Harrigan.....	Wm. Lafferty.....	Lo. Fre'pt	3 - 10..	fan.....	104	5
J. D. Cribbs.....	H. E. Cooley.....	Pittsburg	5 - 0..	fan.....	88	6
Paul S. Cullen.....	James McDowell.....	No. 6.....	3 - 8..	furnace...	8	7
O. F. Wagoner.....		No. 7a.....	3 - 6..			8
O. F. Wagoner.....	Wm. Gillmore.....	No. 7a.....	3 - 6..	furnace...	54	9
O. F. Wagoner.....	Wm. Lidyard.....	No. 7a.....	4 - 0..	furnace...	11	10
J. H. Bainbridge.....	D. H. Satterfield.....	Pittsburg	7 - 0..	natural...	76	11
O. E. Gaskill.....	W. M. Gaskill.....	Pittsburg	7 - 0..	fan.....	148	12
J. J. Brennan.....	S. R. Fetty.....	Pittsburg	7 - 0..	fan.....	213	13
H. O. Ash.....	B. G. Ash.....	Pittsburg	7 - 0..	fan.....	220	14
H. O. Ash.....	P. C. Vernon.....	Pittsburg	7 - 0..	fan.....	135	15
A. J. Ruckman.....	Elza Levell.....	Pittsburg	7 - 0..	fan.....	174	16
A. J. Ruckman.....	Elza Levell.....	Pittsburg	7 - 0..	fan.....		17
A. J. Ruckman.....	Thos. Donlin.....	Pittsburg	7 - 0..	fan.....		18
A. J. Ruckman.....	Thos. Donlin.....	Pittsburg	7 - 0..	fan.....		19
A. J. Ruckman.....	John McGraw.....	Pittsburg	7 - 0..	fan.....	214	20
Rush Miller.....	John Riggins.....	Pittsburg	7 - 0..	fan.....	117	21
Rush Miller.....	Henry Winning.....	Pittsburg	7 - 0..	furnace...	5	22
Rush Miller.....	Milton Coburn.....	Pittsburg	7 - 0..	fan.....	139	23
Rush Miller.....	John Prunty.....	Pittsburg	7 - 0..	2 fans.....	187	24
Rush Miller.....	Bland Courtney.....	Pittsburg	7 - 0..	fan.....	109	25
Rush Miller.....	L. E. Henderson.....	Pittsburg	7 - 0..	fan.....	139	26
G. W. Fleming.....	Thos. Burlock.....	Pittsburg	7 - 0..	fan.....	61	27
R. M. Hite.....	John Brown.....	Pittsburg	9 - 0..	fan.....	191	28
R. L. Somerville, G.M.	M. E. Queenon.....	Pittsburg	9 - 0..	fan.....	330	29
James Dutch.....		Sewick'ly	6 - 5..			30
F. C. Lewis.....	Thomas Wardle.....	Pittsburg	9 - 0..	fan.....	130	31
Duncan Sinclair.....	Thomas Gleason.....	Pittsburg	6 - 0..	fan.....	94	32
O. E. Zeek.....	D. A. Wilson.....	Pittsburg	5 - 9..	fan.....	51	33
J. H. Martin.....	W. C. Martin.....	Sewick'ly	6 - 6..	furnace...	23	34
W. S. Wood.....	M. D. Murray.....	Pittsburg	7 - 6..	natural...	28	35
H. S. Toothman.....	Walter Rowe.....	Pittsburg	7 - 0..	natural...	65	36
J. B. Hanford.....	O. T. Barnard.....	Up. Fre'pt	4 - 0..	fan.....	108	37
J. B. Hanford.....	U. R. Smith.....	Pittsburg	7 - 6..	fan.....	50	38
E. F. Saxman, G. M.	Dennis Connelly.....	Up. Fre'pt	4 - 0..	fan.....	111	39
Alex H Tait.....	A. G. Tait.....	Pittsburg	9 - 0..	natural...	6	40
		Pittsburg	9 - 0..			41
W. H. Koch.....	E. O. Picket.....	Pitts No. 8	5 - 6..	fan.....	224	42
Philip Kunz.....	Eugene Miller.....	Pitts. No. 8	5 - 6..	fan.....	58	43
Chalkley Dawson.....	Wm. Turnbull.....	Pitts. No. 8	5 - 6..	fan.....	101	44
W. H. Koch.....	George Robson.....	Pitts. No. 8	5 - 8..	fan.....	73	45
R. Y. Williams.....	Frank Klegg.....	Pitts. No. 8	5 - 8..	fan.....	49	46
Geo. W. Gehres.....	Wm. Fox.....	Pitts. No. 8	5 - 0..	fan.....	48	47
O. K. Ward.....						48

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
<i>Ohio County.</i>					
49	First.	Central	drift	Jochum & Company	Wheeling
50	"	Richland	drift	Richland Coal Co.	Wheeling
51	"	Elm Grove	shaft	The Elm Grove Coal Co.	Elm Grove
52	"	Manchester	drift	Reymann Brewing Co.	Wheeling
53	"	Wheeling Steam	drift	Wheeling Steam Coal Co.	Wheeling
54	"	Carter	drift	Whitaker-Glessner Co.	Wheeling
55	"	LaBelle	drift	LaBelle Iron Works	Steubenville, O.
56	"	Creighton	slope	J. S. Creighton	Elm Grove
57	"	Storch	drift	Peter Storch & Sons	Edgington Lane
<i>Barbour County.</i>					
58	oSecond	No. 4	drift	Davis Colliery Co.	Elkins
59	"	No. 1	drift	Philippi Collieries Co.	Meriden
60	"	No. 2	drift	Philippi Collieries Co.	Meriden
61	"	No. 3	drift	Philippi Collieries Co.	Meriden
62	"	No. 4	drift	Philippi Collieries Co.	Meriden
63	"	No. 5	drift	Philippi Collieries Co.	Meriden
64	"	Arden	drift	Tygarts River Coal Co.	Arden
65	"	Berryburg	drift	Southern Coal & Transportation Co.	Fairmont
66	"	Laurel Creek	drift	Laurel Creek Coal Co.	Grafton
67	"	Century No. 1	shaft	Century Coal Co. of West Virginia	Century
68	"	Century No. 2	drift	Century Coal Co. of West Virginia	Century
69	"	Lillian No. 1	drift	Grafton Fuel Co.	Grafton
70	"	Lillian No. 2	drift	Grafton Fuel Co.	Grafton
71	"	bLillian No. 3	drift	Grafton Fuel Co.	Grafton
72	"	Adma	drift	The Pennsylvania Coal & Mining Co.	Belington
73	"	No. 3	drift	Davis Coal & Coke Co.	Weaver
74	"	No. 4 or Dartmoor	slope	Davis Coal & Coke Co.	Weaver
75	"	Sara	drift	Miller Coal & Coke Co.	Junior
76	"	bVolga	shaft	Pennsylvania Fuel Co.	Volga
77	"	Midland	shaft	Midland Coal & Coke Co.	Philippi
78	"	bValley	drift	Valley Coal & Coke Co.	Lehigh
79	"	bClements	drift	Clements Coal & Coke Co.	Scottdale, Pa.
<i>Gilmer County.</i>					
80	Second	Gilmer No. 1	drift	The Cosmopolitan Coal & Coke Co.	Emart
<i>Harrison County.</i>					
81	Second	Pinnickinnick	drift	Clarksburg Fuel Co.	Fairmont
82	"	Fall Run	drift	Clarksburg Fuel Co.	Fairmont
83	"	Dixie	drift	Clarksburg Fuel Co.	Fairmont
84	"	Two Lick	drift	Clarksburg Fuel Co.	Fairmont
85	"	bInterstate No. 1	drift	Clarksburg Fuel Co.	Fairmont
86	"	Interstate No. 2	drift	Clarksburg Fuel Co.	Fairmont
87	"	O'Neil	4drifts	Clarksburg Fuel Co.	Fairmont
88	"	dDespard	drift	Clarksburg Fuel Co.	Fairmont
89	"	Enterprise	slope	Fairmont Coal Co.	Fairmont
90	"	Viropa	drift	Fairmont Coal Co.	Fairmont
91	"	Ehlen	drift	Fairmont Coal Co.	Fairmont
92	"	Shinns Run No. 3	drift	Fairmont Coal Co.	Fairmont
93	"	cRobinson Run	drift	Fairmont Coal Co.	Fairmont
94	"	Solon	drift	Fairmont Coal Co.	Fairmont
95	"	Gypsy	drift	Fairmont Coal Co.	Fairmont
96	"	Harbert	drift	Fairmont Coal Co.	Fairmont
97	"	bMaulsby	drift	Fairmont Coal Co.	Fairmont
98	"	Meadowbrook No. 1	drift	Fairmont Coal Co.	Fairmont
99	"	Meadowbrook No. 2	drift	Fairmont Coal Co.	Fairmont
100	"	Globe	drift	Fairmont Coal Co.	Fairmont
101	"	Dunham	drift	Fairmont Coal Co.	Fairmont
102	"	Lynch	drift	Fairmont Coal Co.	Fairmont

o Second District, Frank E. Parsons, Inspector. b Idle during the year, c Just being developed. d Being reopened.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation	Total inside employes	No.
John Jochum.....	John Jochum	Pittsburg	4 - 8..	furnace...	2	49
P. L. Evans.....	C. Aiken.....	Pitts.No.8	5 - 6..	fan.....	150	50
J. B. Chambers.....	Pete Lowther.....	Pitts.No.8	6 - 0..	fan.....	39	51
O. C. Schmidt.....	John Donahue.....	Pittsburg	4 - 6..	fan.....	10	52
Paul Leonard.....	Al. Rose.....	Pitts.No.8	4 - 8..	furnace...	44	53
W. H. Kasley.....	W. H. Magruder	Pittsburg	4 - 10..	fan.....	24	54
P. J. Harrigan.....	J. Blondin.....	Pitts.No.8	5 - 6..	furnace...	7	55
J. S. Creighton.....	Daniel Shaw.....	Pitts.No.8	5 - 3..	fan.....	6	56
Peter Storch.....	Peter Storch.....	Pittsburg	5 - 0..	natural...	5	57
H. C. Haskins.....	G. M. Knaggs.....	Up Free.	5 - 0..	fan.....	73	58
O. D. Strader.....	T. M. McDonell.....	Up Free.	5 - 6..	} fan.....	80	59
O. D. Strader.....	T. M. McDonell.....	Up Free.	5 - 6..			60
O. D. Strader.....	Jno. McDonell.....	Up Free.	5 - 6..			61
O. D. Strader.....	Jno. McDonell.....	Up Free.	5 - 6..			62
O. D. Strader.....	T. C. Hulton.....	Mahoning	4 - 0..	fur. & sht.	28	63
Chas. A. Cook.....	Howard V. Hoffman.	Up Free.	6 - 0..	fan.....	42	64
W. W. Ferguson ..	Lee Cotrill.....	Pittsburg	7 - 0..	fan.....	225	65
W. S. Brydon.....	O. B. Tremble.....	Up Free.	5 - 9..	fire bask't	20	66
John Strother.....	Ed. Williams.....	Red Stone	5 - 6..	fan.....	202	67
John Strother.....	Ed. Williams.....	Red Stone	5 - 8..	furnace...	13	68
W. S. Brydon.....	Geo. L. Campbell.....	Mahoning	4 - 0..	fire bask't	} 36	69
W. S. Brydon.....	Geo. L. Campbell.....	Up Free.	6 - 0..	fire bask't		70
W. S. Brydon.....	Geo. L. Campbell.....	Lo. Free.	.....	.....	.....	71
H. M. Wetzel.....	John Ensminger.....	Freeport	6 - 6..	furnace...	22	72
M. L. Garbey.....	J. A. Lake.....	Up Free.	5 - 0..	natural...	20	73
M. L. Garbey.....	J. L. Jeffreys.....	Up Free.	5 - 4..	furnace...	12	74
J. W. S. Miller.....	Wm. Kooser.....	Up Free.	5 - 0..	fan.....	17	75
W. S. Shrader.....	D. E. Brown.....	Mahoning	4 - 3..	fan.....	.....	76
H. M. Crawford.....	G. W. Dawson.....	Up Free.	5 - 6..	fan.....	51	77
F. A. Coleman.....	.....	Up Free.	6 - 10..	fan.....	.....	78
W. P. Hurst.....	.....	Lo. Free.	7 - 2..	fire bask't	.....	79
Nicholas Cole.....	Joseph Chadwick.....	Pittsburg	7 - 0..	furnace...	5	80
J. H. Nuzum.....	Thomas Pollock.....	Pittsburg	7 - 0..	fan.....	226	81
H. H. Watson.....	E. G. Vincent.....	Pittsburg	7 - 0..	fan.....	61	82
G. W. Eliason.....	G. W. Eliason.....	Pittsburg	7 - 0..	furnace...	18	83
Lowell Childs.....	Charles Gandy.....	Pittsburg	7 - 0..	fan.....	80	84
Lowell Childs.....	B. H. Monroe.....	Pittsburg	.....	.....	.....	85
Lowell Childs.....	Jesse L. Thomas.....	Pittsburg	7 - 0..	fan.....	74	86
J. R. Elsess.....	S. S. Schrader.....	Pittsburg	5 - 0..	2 fans.....	80	87
J. H. Nuzum.....	.....	Pittsburg	.....	.....	.....	88
G. W. Fleming.....	Thomas Smith.....	Pittsburg	7 - 0..	fan.....	141	89
G. W. Fleming.....	Wm. P. Wallace.....	Pittsburg	7 - 0..	fan.....	68	90
Thomas Jarrett Jr.	James Johnson.....	Pittsburg	7 - 0..	fan.....	} 91	91
Thomas Jarrett Jr.	James Johnson.....	Pittsburg	7 - 0..	fan.....		92
G. W. Fleming.....	.....	Pittsburg	.....	.....	.....	93
Thos. Jarrett Jr.....	G. B. Skinner.....	Pittsburg	7 - 0..	fan.....	61	94
O. F. Ice.....	Bert Russell.....	Pittsburg	7 - 0..	fan.....	} 135	95
O. F. Ice.....	Bert Russell.....	Pittsburg	7 - 0..	fan.....		96
O. F. Ice.....	Bert Russell.....	Pittsburg	7 - 0..	fan.....	.....	97
P. B. Robinson.....	C. D. Powell.....	Pittsburg	7 - 0..	2 fans.....	} 121	98
P. B. Robinson.....	C. D. Powell.....	Pittsburg	7 - 0..	natural...		99
H. H. Watson.....	P. J. McAndrews.....	Pittsburg	7 - 0..	fan.....	40	100
H. H. Watson.....	S. W. Lewis.....	Pittsburg	7 - 0..	fan.....	56	101
Lowell Childs.....	Wm. Wagner.....	Pittsburg	7 - 0..	fan.....	30	102

*DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

No.	District.	Name of Mine.	Kind of Opening	Name of Company.	Postoffice Address.
<i>Harrison Co. Con.</i>					
103	Second	West Fork	drift	Fairmont Coal Co.	Fairmont
104	"	Reynoldsville	drift	Fairmont Coal Co.	Fairmont
105	"	Columbia	drift	Fairmont Coal Co.	Fairmont
106	"	Ocean	drift	Fairmont Coal Co.	Fairmont
107	"	Riverdale	drift	Fairmont Coal Co.	Fairmont
108	"	bMelrose	drift	Fairmont Coal Co.	Fairmont
109	"	bGlen Falls	drift	Fairmont Coal Co.	Fairmont
110	"	bLydia	drift	Fairmont Coal Co.	Fairmont
111	"	Perry Nos. 1 and 2	2drifts	Pittsburg & Fairmont Fuel Co.	Fairmont
112	"	Coaling Station	drift	Pittsburg & Fairmont Fuel Co.	Fairmont
113	"	Pooz	drift	Pittsburg & Fairmont Fuel Co.	Fairmont
114	"	Lucas	drift	Pittsburg & Fairmont Fuel Co.	Fairmont
115	"	Fairmore	drift	Fairmont & Baltimore Coal & Coke Co.	Adamston
116	"	Girard No. 1	drift	Cook Coal & Coke Co.	Clarksburg
117	"	No. 2	drift	Cook Coal & Coke Co.	Clarksburg
118	"	Erie	drift	Meadow Brook Coal & Coke Co.	Fairmont
119	"	Waldo	drift	Madeira-Hill-Clark Coal Co.	Fairmont
120	"	Goff	drift	Madeira-Hill-Clark Coal Co.	Fairmont
121	"	New Chieftain	drift	Madeira-Hill-Clark Coal Co.	Fairmont
122	"	Randolph	drift	Madeira-Hill-Clark Coal Co.	Fairmont
123	"	Cook	drift	Cook & Hart Coal Co.	Fairmont
124	"	Rosebud	drift	Rose-Bud Coal Co.	Rosebud
125	"	Hutchinson No. 1	drift	Hutchinson Fuel & Supply Co.	Fairmont
126	"	Hutchinson No. 2	drift	Hutchinson Fuel & Supply Co.	Fairmont
127	"	Phoenix	slope	Summit Coal & Coke Co.	Clarksburg
128	"	O'Gara	slope	O'Gara Coal Mining Co.	Clarksburg
129	"	Marshall	drift	Marshall Coal Co.	Mt. Clare
130	"	Pitcairn	drift	Pitcairn Coal Co.	Clarksburg
131	"	Harold	drift	Corona Coal & Coke Co.	Clarksburg
132	"	cNos. 1 and 2	2drifts	Washington Fuel Co.	Wilsonburg
133	"	Girard No. 2	drift	Short Line Coal Co.	Dola
134	"	National	drift	National Coal Co.	Dola
135	"	cDola	drift	Fayette Coal Co.	Dola
136	"	Moore	drift	Central Fairmont Coal Co.	Clarksburg
137	"	cNaomi	drift	Jane Lew Coal Co.	Jane Lew
138	"	cVincent	drift	Vincent Coal & Coke Co.	Clarksburg
139	"	cHero	drift	Hero Coal Co.	Lumberport
140	"	cMonroe	drift	Monroe Colliery Co.	Rosebud
141	"	cBlue Ridge	drift	Blue Ridge Coal Co.	Lumberport
142	"	cWillard Nos. 1, 2 & 3	3drifts	Virginia-Maryland Coal Corporation	Mudlick
<i>Lewis County.</i>					
143	Second	Sarah B. No. 1	drift	Jacksonville C. & C. Co.	Jacksonville
144	"	cSarah B. Nos. 2 & 3	2drifts	Jacksonville C. & C. Co.	Jacksonville
<i>Taylor County.</i>					
145	Second	Sand Lick	drift	Grafton Coal & Coke Co.	Grafton
146	"	Flemington	drift	Pittsvein Coal Co.	Flemington
147	"	Brydon	drift	L. B. Brydon	Grafton
148	"	T. B. Davis	drift	Davis Coal Mining Co.	Grafton
149	"	No. 41	drift	Davis Coal & Coke Co.	Simpson
150	"	Rosemont	drift	Rosemont Coal Co.	Tyrconnell

b Idle during the year. *c* Just being developed.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendant.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total inside employees.	No
Lowell Childs.....	Joseph M. Matheny..	Pittsburg	7 - 0..	furnace...	12	103
J. R. Elsess.....	Brooks Patton.....	Pittsburg	6 - 0..	fan.....	26	104
A. W. Rapp.....	Ralph Brown.....	Pittsburg	7 - 0..	fan.....	94	105
K. D. Bailey.....	U. B. Blakesmith.....	Pittsburg	7 - 0..	fan.....	106	106
G. W. Fleming.....	Maurice Beedle.....	Pittsburg	7 - 0..	fan.....	28	107
G. W. Fleming.....	.....	Pittsburg	.....	.....	.....	108
H. H. Watson.....	.....	Pittsburg	.....	.....	.....	109
J. O. Brooks.....	.....	Pittsburg	.....	.....	.....	110
L. W. Smith.....	A. V. Morgan.....	Pittsburg	6 - 0..	2 fans.....	101	111
L. W. Smith.....	A. L. Hord.....	Pittsburg	7 - 0..	fan.....	50	112
A. C. Ice.....	N. H. Hacker.....	Pittsburg	7 - 0..	fan.....	84	113
A. C. Ice.....	John Walters.....	Pittsburg	7 - 0..	fan.....	55	114
A. L. White.....	T. J. Westmoreland..	Pittsburg	7 - 6..	fan.....	82	115
B. H. Monroe.....	E. I. Worcester.....	Pittsburg	8 - 0..	fan.....	63	116
B. H. Monroe.....	E. I. Worcester.....	Pittsburg	8 - 0..	fan.....		117
L. L. Crawford.....	C. D. M. Kramer.....	Pittsburg	9 - 0..	fan.....	59	118
H. B. Clark.....	A. G. Coburn.....	Pittsburg	8 - 0..	fan.....	154	119
H. B. Clark.....	Wm. Ashcraft.....	Pittsburg	8 - 0..	furnace...	23	120
H. B. Clark.....	O. J. Fowler.....	Pittsburg	7 - 0..	fan.....	77	121
H. B. Clark.....	O. J. Fowler.....	Pittsburg	7 - 0..	fan.....		122
J. F. Cook.....	Robt. Wilson.....	Pittsburg	8 - 0..	natural...	19	123
Samuel Cromer.....	Toney Starr.....	Pittsburg	7 - 0..	fire basket	21	124
W. G. H. Crawford..	W. B. Malone.....	Pittsburg	7 - 0..	fan.....	48	125
W. G. H. Crawford..	W. B. Malone.....	Pittsburg	7 - 0..	fan.....		126
Frank D. Allen.....	James Haughney.....	Pittsburg	6 - 6..	fan.....	57	127
M. Mannix.....	Wm. F. White.....	Pittsburg	6 - 0..	fan.....	74	128
John W. Fahey.....	Geo. Adams.....	Pittsburg	7 - 0..	fan.....	66	129
J. A. Jenkins.....	W. J. Keefe.....	Pittsburg	8 - 0..	fan.....	94	130
Ed. Clingan.....	Ed. Clingan.....	Pittsburg	8 - 9..	furnace...	40	131
W. F. Harvey.....	.....	Pittsburg	.....	.....	.....	132
Isham Keith.....	B. H. Stires.....	Pittsburg	8 - 0..	furnace...	55	133
Eli Morris.....	Eli Morris.....	Pittsburg	7 - 0..	furnace...	27	134
B. T. Greaves.....	.....	Pittsburg	7 - 0..	.....	3	135
Wm. Moore.....	A. G. Hilburt.....	Pittsburg	8 - 6..	sh. & grte.	30	136
John Harley.....	John Harley.....	Redstone	.....	furnace...	9	137
Vincent E. Goecke.....	.....	Pittsburg	.....	.....	.....	138
.....	.....	Pittsburg	.....	.....	.....	139
B. H. Monroe G. M..	.....	Pittsburg	.....	.....	.....	140
Isham Keith.....	B. H. Stires.....	Pittsburg	.....	.....	.....	141
A. L. White.....	.....	.....	.....	.....	.....	142
Wm. Atkin.....	Robt. Nelson.....	Pittsburg	5 - 0..	furnace...	17	143
Wm. Atkin.....	Robt. Nelson.....	Pittsburg	5 - 0..	natural...	4	144
J. W. Fahey.....	John McGraw.....	Pittsburg	7 - 0..	air shaft..	62	145
J. W. Davidson.....	G. R. W. Johnson.....	Pittsburg	9 - 0..	fan.....	82	146
W. S. Brydon.....	Guy Lake.....	Pittsburg	7 - 0..	air shaft..	12	147
W. R. Davis.....	Wm. Drainer.....	Pittsburg	7 - 6..	natural...	37	148
D. R. Phillips & H. H. Harrison.	Oliver Jenkins.....	Pittsburg	7 - 0..	furnace...	79	149
J. W. Fahey.....	John P. McGraw ..	Pittsburg	7 - 0..	natural...	79	150

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
Taylor County, Con.					
151	Second	Wendel	drift	Maryland Coal Co.	Grafton
152		cCecil	drift	The Cecil Coal & Coke Co.	Cecil
153		Winona No. 1	drift	Winona Coal & Coke Co.	Grafton
154		Winona No. 2	drift	Winona Coal & Coke Co.	Grafton
155		cOverholt	drift	Overholt Coal & Coke Co.	Grafton
156		bStone House	shaft	Mohawk Smokeless Coal Co.	Grafton
157		bBush No. 1	drift	Bessemer Coal & Coke Co.	Coffman's
158		bBush No. 2	drift	Bessemer Coal & Coke Co.	Coffman's
159		bTyreconnell	drift	Clarksburg Fuel Co.	Fairmont.
Upshur County.					
160	Second	Penco	slope	Pennsylvania Consolidated Coal Co.	Lorentz
161		Red Rock Nos. 1 & 2	2 drifts	Red Rock Fuel Co.	Red Rock
162		Florence	drift	Buckhannon River Coal Co.	Adrian
163		cNewcomer	drift	Newcomer Coal Co.	Buckhannon
Grant County.					
164	#Third	No. 22	shaft	Davis Coal & Coke Co.	Henry
165		bNo. 33	shaft	Davis Coal & Coke Co.	Henry
166		Buffalo Creek	drift	Buffalo Creek, Cumberland Coal Co.	Bayard
Mineral County.					
167	Third	No. 14	drift	Davis Coal & Coke Co.	Elk Garden
168		No. 20	drift	Davis Coal & Coke Co.	Elk Garden
169		No. 9	drift	Davis Coal & Coke Co.	Elk Garden
170		No. 6	drift	Davis Coal & Coke Co.	Elk Garden
171		No. 19	drift	Davis Coal & Coke Co.	Beryl
172		No. 50	drift	Davis Coal & Coke Co.	Beryl
173		No. 51	drift	Davis Coal & Coke Co.	Beryl
174		Smith	drift	Smith Coal Co.	Blaine
175		Virginia	drift	Piedmont & Potomac Coal Co.	Piedmont
176			Big Vein	drift	The Big Vein Coal Co. of W. Va.	Shaw
177		bFour-foot	drift	The Big Vein Coal Co. of W. Va.	Shaw
178		Taylor	drift	Taylor Coal Co.	Emoryville
179		Hampshire	drift	Masteller Coal Co.	Keyser
180		New Creek	drift	Masteller Coal Co.	Keyser
181		Oakmont	drift	Abrams Creek Coal & Coke Co.	Oakmont
182		bGleason No. 1	drift	Gleason Coal & Coke Co.	Blaine
183		Gleason No. 2	drift	Gleason Coal & Coke Co.	Blaine
184		Sara	drift	Glade Run Coal & Coke Co.	Schell
185		bPiedmont	drift	Piedmont Brick & Coal Co.	Piedmont
Preston County.					
186	Third	Austen No. 1	drift	Austen Coal & Coke Co.	Austen
187		Austen No. 2	drift	Austen Coal & Coke Co.	Austen
188		Newburg Shaft	shaft	Hamilton Coal & Coke Co.	Newburg
189		Gorman No. 1	drift	Gorman Coal & Coke Co.	Austen
190		Gorman No. 2	drift	Gorman Coal & Coke Co.	Austen
191		Gorman No. 4	drift	Gorman Coal & Coke Co.	Austen
192		Irona No. 1	drift	Irona Coal Co.	Irona
193		Irona No. 2	drift	Irona Coal Co.	Irona
194		bTunnelton No. 1	drift	Merchants Coal Co.	Tunnelton
195		Merchants No. 2	drift	Merchants Coal Co.	Tunnelton
196		Corinth	drift	Oakland Coal & Coke Co.	Corinth
197		Howesville	drift	Kingwood Coal Co.	Howesville
198		Dixie	drift	Hite Coal & Coke Co.	Hiorra
199		Vulcan	drift	Orr Coal & Coke Co.	Hiorra
200			bVictoria No. 1	drift	The Manufacturers Coal & Coke Co.	Independence

#Third District, John F. Bratt, Inspector. bIdle during the year. cJust being developed.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees.	No.
Geo. S. Brackett.....	August Ricker.....	Pittsburg	6 - 4..	fan.....	43	151
H. O. Lane.....	J. E. Hamilton.....	Up Free.	4 - 6..	stack.....	5	152
F. T. Rowland.....	Wm. Gantz.....	Up Free.	4 - 0..	furnace...	14	153
F. T. Rowland.....	Wm. Gantz.....	Lo. Free.	5 - 0	furnace...	3	154
C. E. Conaway, G. M.	.....	Up Free.	.....	.....	.....	155
Geo. S. Beckwith, G. M.	.....	Up Free.	.....	.....	.....	156
G. W. Miller.....	.....	Up Free.	.....	.....	.....	157
G. W. Miller.....	.....	Mahoning	.....	.....	.....	158
Robt. Love Sr.....	.....	Pittsburg	.....	.....	.....	159
W. D. McCansland..	Floyd Gandy.....	Red Stone	4 - 3	fan.....	29	160
Robt. Lang Jr.....	T. Harris & F. Gandy	Red Stone	4 - 2..	fan.....	33	161
Isaac Reckard....	G. W. Swift.....	Mahoning	6 - 0..	furnace...	15	162
W. P. Hurst, Pres...	.....	Pittsburg	.....	.....	.....	163
James G. Boyd.....	Albert Sawers.....	Up Free.	5 - 0..	fan.....	148	164
James G. Boyd.....	.....	Lo. Kittan	7 - 0	fan.....	.....	165
R. D. Waddel.....	R. D. Waddel.....	Lo. Kittan	6 - 0..	fan.....	96	166
H. H. Harrison.....	F. O. Patton.....	Up Free.	4 - 3..	furnace...	23	167
H. H. Harrison.....	L. D. Vaughn.....	Up Free.	4 - 3..	furnace...	72	168
H. H. Harrison.....	J. E. Ott.....	Pittsburg	12 - 0..	natural...	136	169
H. H. Harrison.....	Foster Wilson.....	Pittsburg	12 - 0..	fan.....	34	170
O. Tibbets.....	Joseph Tibbets.....	Lo Kittan	5 - 8..	fan.....	21	171
O. Tibbets.....	Joseph Tibbets.....	Four-foot.	2 - 4..	fan.....	31	172
O. Tibbets.....	Joseph Tibbets.....	Four-foot.	2 - 6	fire bask't	44	173
R. A. Smith.....	W. B. Walker.....	Lo. Kittan	5 - 6..	fan.....	47	174
Daniel Askey.....	W. J. Barnard.....	Lo. Kittan	5 - 3..	fan.....	32	175
O. F. Jordan.....	Wm. Beaver.....	Pittsburg	15 - 0..	natural...	39	176
O. F. Jordan.....	Wm. Beaver.....	Four-foot.	2 - 6..	natural...	.....	177
Wm. C. Larew.....	Wm. C. Larew.....	Up Free.	4 - 0..	natural...	6	178
M. Masteller.....	Henry Byers.....	Elk Lick	4 - 0..	fan.....	56	179
M. Masteller.....	Henry Byers.....	Lo. Kittan	5 - 0..	furnace...	21	180
J. G. Kinkad.....	James Seamon.....	Up Free.	4 - 6..	furnace...	42	181
Jno. M. Davis.....	.....	Up Kittan	.....	.....	.....	182
Jno. M. Davis.....	S. S. Harvey.....	Lo. Kittan	6 - 0..	furnace...	36	183
D. I. Seatory.....	Sidney Murphy.....	Lo. Free.	3 - 6..	furnace...	18	184
B. R. Shultic.....	.....	Lo. Kittan	5 - 6..	natural...	.....	185
F. W. Horschler.....	A. R. Murphy.....	Up Free.	4 - 6..	fan.....	91	186
F. W. Horschler.....	Geo. R. Cook.....	Up Free.	4 - 6..	fan.....	90	187
F. A. Husted.....	E. L. Griffiths.....	Up Free.	4 - 6..	fan.....	53	188
Geo. Alexander.....	B. F. Williams.....	Up Free.	4 - 6..	stack.....	17	189
Geo. Alexander.....	John Welsh.....	Up Free.	4 - 6..	fan.....	27	190
Geo. Alexander.....	John Welsh.....	Up Free.	4 - 6	stack.....	21	191
T. R. Spencer.....	Claude Starr.....	Up Free.	4 - 5..	fan.....	.....	192
T. R. Spencer.....	Claude Starr.....	Up Free.	4 - 5	furnace...	14	193
Geo. Cummings Sr...	Thomas Clark.....	Up Free.	4 - 6..	natural...	.....	194
Geo. Cummings Sr...	G. M. Renshaw.....	Up Free.	5 - 0..	fan.....	183	195
S. H. Jordan.....	Wm. Burke.....	Up Free.	4 - 0..	fan.....	45	196
W. B. Edward.....	Thomas Mackey.....	Up Free.	4 - 6..	furnace...	80	197
R. M. Hite.....	Alf Fortney.....	Up Free.	4 - 4..	furnace...	36	198
J. M. Orr.....	F. E. Dawson.....	Up Free.	4 - 4..	fan.....	76	199
J. H. Humphreys...	J. H. Humphreys...	Lo. Kittan	4 - 9..	fan.....	.....	200

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District	Name of Mine.	Kind of Open- ing.	Name of Company.	Postoffice Address.
<i>Preston Co. Con.</i>					
201	Third	Victoria No. 2.....	slope	The Manufacturers Coal & Coke Co.....	Independence.
202	"	Shrader.....	drift	Pennsylvania Consolida- ted Coal Co.....	Independence.
203	"	Atlantic	drift	Atlantic Coal & Coke Co.	Tunnelton
204	"	Bretz.....	drift	Elkins Coal & Coke Co.	Morgantown ..
205	"	Kingwood.....	2 drifts	Elkins Coal & Coke Co.	Morgantown ..
206	"	cNo. 6.....	2 drifts	Elkins Coal & Coke Co.	Morgantown ..
207	"	No. 1.....	drift	Preston County Coke Co.	Masontown.....
<i>Randolph County.</i>					
208	Third	No. 1.....	drift	Davis Colliery Co.....	Elkins
209	"	No. 3.....	drift	Davis Colliery Co.....	Elkins
210	"	bGrassy Run	drift	Davis Colliery Co.....	Elkins
211	"	No. 1.....	drift	Davis Coal & Coke Co....	Weaver.....
212	"	No. 2.....	drift	Davis Coal & Coke Co....	Weaver.....
213	"	No. 5.....	drift	Davis Coal & Coke Co....	Weaver.....
214	Third.....	Klondyke.....	drift	W. H. Green.....	Mable
<i>Tucker County.</i>					
215	Third.....	No. 23.....	drift	Davis Coal & Coke Co....	Thomas
216	"	No. 25.....	drift	Davis Coal & Coke Co....	Thomas
217	"	No. 26.....	drift	Davis Coal & Coke Co....	Thomas
218	"	No. 34.....	shaft	Davis Coal & Coke Co....	Thomas
219	"	No. 35.....	drift	Davis Coal & Coke Co....	Thomas
220	"	No. 36.....	drift	Davis Coal & Coke Co....	Thomas
221	"	No. 37.....	drift	Davis Coal & Coke Co....	Thomas
222	"	No. 3.....	drift	Cumberland Coal Co.....	Albert
223	"	No. 4.....	drift	Cumberland Coal Co.....	Albert
224	"	No. 5.....	drift	Cumberland Coal Co.....	Albert
225	"	cNo. 1.....	drift	Cumberland Coal Co....	Albert
226	"	Beacon.....	drift	Beacon Coal & Coke Co..	Davis.....
<i>Braxton County.</i>					
227	*Fourth	No. 10.....	4 drifts	Davis Colliery Co.....	Elkins.....
228	"	No. 11.....	drift	Davis Colliery Co.....	Elkins.....
<i>Clay County.</i>					
229	Fourth	Elk Manor.....	drift	Dorfee Coal Mining Co..	Dorfee.....
230	"	Carter.....	drift	Carter Coal Co.....	Scotford
231	"	Scott.....	drift	Kentucky Coal & Lumber Co.....	Cambria.
232	"	Dundon No. 1.....	drift	Elk River Coal & Lumber Co.....	Clay
<i>Fayette County.</i>					
233	Fourth	No. 111.....	drift	Sunday Creek Co.....	Longacre
234	"	No. 112.....	drift	Sunday Creek Co.....	Longacre
235	"	No. 114.....	drift	Sunday Creek Co.....	Longacre
236	"	No. 114 X.....	drift	Sunday Creek Co.....	Longacre
237	"	No. 115.....	drift	Sunday Creek Co.....	Longacre
238	"	aNo. 117.....	drift	Sunday Creek Co.....	Longacre
239	"	No. 1.....	drift	The Columbus Iron & Steel Co.....	Martins.....
240	"	Kanawha Gas	drift	Kanawha Gas Coal Co....	Smithers.....
241	"	Oakland.....	drift	W. R. Johnson & Co....	Smithers.....
242	"	No. 1.....	drift	Boomer Coal & Coke Co..	Boomer
243	"	No. 2 North.....	drift	Boomer Coal & Coke Co..	Boomer
244	"	No. 2 South.....	drift	Boomer Coal & Coke Co..	Boomer

*Fourth District, Earl A. Henry, Inspector. cJust being developed. aAbandoned.
bIdle during the year.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total Inside Employees.	No.
J. H. Humphreys.....	J. H. Humphreys.....	Lo. Kittan	5 - 6	fan.....	47	201
R. B. Youngkin.....	J. M. Phillips.....	Lo. Kittan	4 - 6.	fan.....	64	202
R. S. LaRue.....	John Morrison.....	Up Free.	4 - 6.	fan.....	94	203
J. B. Hanford.....	J. Y. Ralston.....	Up Free.	4 - 0.	fan.....	161	204
J. B. Hanford.....	R. R. Beveridge.....	Up Free.	4 - 0.	2 fans...	62	205
J. B. Hanford.....	J. S. Martin.....	Up Free.				206
Everhart Bierer.....	J. B. Haile.....	Up Free.	6 - 6.	furnace...	5	207
F. C. Cornet.....	John Condry.....	Up Free.	8 - 0.	furnace...	155	208
A. C. Davis.....	W. S. Wilson.....	Up Free.	7 - 0.	fan.....	98	209
		Up Free.	7 - 0.			210
M. L. Garvey.....	W. F. Rees.....	Up Free.	9 - 0.	fan.....	79	211
M. L. Garvey.....	Thomas Mackey.....	Up Free.	9 - 0.	fan.....	64	212
M. L. Garvey.....	James Lake.....	Up Free.	6 - 0.	furnace...	12	213
W. H. Green.....	W. H. Green.....	Up Free.	8 - 0.	furnace...	11	214
D. R. Jones & D. R. Phillips.....	Wm. McFarland.....	Up Free.	6 - 6.	fan.....	194	215
D. R. Jones & D. R. Phillips.....	Wm. Riggelman.....	Up Free.	7 - 6.	fan.....	134	216
C. W. Scharar.....	Thomas Kilroy.....	Up Free.	6 - 0.	fan.....	37	217
D. R. Jones & D. R. Phillips.....	A. E. Wood.....	Lo. Kittan	6 - 0	fan.....	139	218
C. W. Scharar.....	James Christopher.....	Lo. Kittan	6 - 0.	fan.....	44	219
C. W. Scharar.....	James Christopher.....	Lo. Kittan	3 - 6.	fan.....	132	220
C. W. Scharar.....	Geo. Christopher.....	Lo. Kittan	5 - 0.	fan.....	102	221
J. B. Jenkins.....	A. I. Jenkins.....	Lo. Kittan	5 - 6.	natural. }	83	222
J. B. Jenkins.....	A. I. Jenkins.....	Lo. Kittan	5 - 6 }			223
J. B. Jenkins.....	A. I. Jenkins.....	Lo. Kittan	5 - 0 }	fan.....	72	224
J. B. Jenkins.....	A. I. Jenkins.....	Lo. Kittan				225
W. C. Patterson.....	Alex. Close.....	Lo. Kittan	7 - 6.	fan.....	47	226
R. D. Edwards.....	David Evans.....	Pittsburg	4 - 0.	4furnaces.	54	227
R. D. Edwards.....	Wm. Martin.....	Pittsburg	4 - 3.	furnace...	32	228
Henry Brooke.....	T. L. Pugh.....	Winifrede	4 - 1.	fan.....	36	229
Wm. Tamplein.....	T. B. Craze.....	Coalburg	4 - 4.	furnace...	30	230
L. D. Burns.....	C. B. Dean.....	Coalburg	4 - 6.	furnace...	24	231
J. G. Bradley.....	David Stoddard.....	?	6 - 0.	natural...	15	232
T. E. Roan.....	John Welch.....	No. 2. Gas	5 - 0.	fan.....	92	233
T. E. Roan.....	M. B. Welch.....	No. 2. Gas	5 - 0.	fan.....	71	234
T. E. Roan.....	Robt. Taylor.....	No. 2. Gas	5 - 6.	fan.....		235
T. E. Roan.....	John Duford.....	No. 2. Gas	5 - 6.	fan.....	166	236
T. E. Roan.....	J. K. Nelson.....	No. 2. Gas	5 - 10.	fan.....	179	237
T. E. Roan.....	F. J. Patrick.....	No. 2. Gas	4 - 0.	fan.....	53	238
John Phillips.....	F. C. Clendennin.....	No. 2. Gas	5 - 4.	fan.....	101	239
T. A. Bartlam.....	John Titlow.....	No. 2. Gas	5 - 6.	fan.....	86	240
T. A. Bartlam.....	Ben. Hill.....	No. 2. Gas	5 - 4.	fan.....	85	241
W. M. Gillie.....	Walter Culbertson.....	No. 2. Gas	5 - 6.	fan.....	147	242
W. M. Gillie.....	Henry Deem.....	*Eagle	5 - 6.	fan.....	216	243
W. M. Gillie.....	Henry Deem.....	Eagle	5 - 6.	fan.....	216	244

*Eagle, or No. 1 Gas.

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
		<i>Fayette Co. Con.</i>			
245	Fourth	No. 3	drift	Boomer Coal & Coke Co.	Boomer
246	"	Nova Scotia	drift	The Gauley Mountain Coal Co.	Ansted
247	"	Pine Top	drift	Croft & Evans	Ansted
248	"	Cliff Top No. 1	drift	Moseley & Walker	Cliff Top
249	"	Cliff Top No. 2	drift	Moseley & Walker	Cliff Top
250	"	Cliff Top No. 3	drift	Moseley & Walker	Cliff Top
251	"	Gaymont	drift	Gaymont Colliery Co.	Hawk's Nest ..
252	"	Elmo	drift	Beury-New River Coal Co.	Elmo
253	"	Sunnyside	drift	Sunbeury Coal & Coke Co.	Elmo
254	"	Big Bend	drift	Big Bend Coal Co.	Dimmock
255	"	Michigan	drift	Michigan Coal Co.	Fayette
256	"	Fayette	drift	The Fayette Coal & Coke Co.	Fayette
257	"	Newlyn	drift	Manufacturers & Consumers Coal Co.	Fayette
258	"	Nuttallburg	drift	Nuttallburg Coal & Coke Co.	Nuttallburg ..
259	"	Keeneys Creek	drift	Nuttallburg Coal & Coke Co.	Nuttallburg ..
260	"	Ballinger No. 1	drift	Ballinger Coal Co.	Nuttallburg ..
261	"	Ballinger No. 2	drift	Ballinger Coal Co.	Nuttallburg ..
262	"	Blume	drift	Blume Coal & Coke Co.	Lookout
263	"	cLookout	drift	Lookout Coal & Coke Co.	Lookout
264	"	Smokeless	drift	Keeneys Creek Colliery Co.	Winona
265	"	Boone	drift	Keeneys Creek Colliery Co.	Boone
266	"	Dubree	drift	Rothwell Coal Co.	Dubree
267	"	Kohinoor	drift	Pennsylvania & New River Coal Co.	Pennbrooke ..
268	"	Fire Creek	drift	Fire Creek Coal & Coke Co.	Fire Creek
269	"	Echo	drift	Beury Bros. Coal & Coke Co.	Beury
270	"	Gas No. 2	drift	Gamoca Coal Co.	Gamoca
271	"	Splint No. 5	drift	Gamoca Coal Co.	Gamoca
272	"	Deitz No. 2	drift	Deitz Colliery Co.	Wyndal
273	"	Deitz No. 5	drift	Deitz Colliery Co.	Wyndal
274	"	Lynchburg	drift	Lynchburg Colliery Co.	Vanetta
275	*Sixth	Hickory Camp	drift	Paint Creek Collieries Co.	Charleston ..
276	*Fifth	Eureka No. 13	drift	Eureka Colliery Co.	Donwood
277	"	Eureka Splint No. 14	drift	Eureka Colliery Co.	Donwood
278	"	Eagle No. 1	drift	St. Clair Colliery Co.	Eagle
279	"	mSt. Clair No. 2	drift	St. Clair Colliery Co.	Eagle
280	"	Mecca No. 2	drift	Mecca Coal & Coke Co.	Montgomery ..
281	"	Mecca No. 5	drift	Mecca Coal & Coke Co.	Montgomery ..
282	"	No. 2	drift	The Carver Bros. Co.	Eagle
283	"	No. 3	drift	The Carver Bros. Co.	Eagle
284	"	No. 1	drift	The Carver Bros. Co.	Eagle
285	"	Eagle	drift	The Carver Bros. Co.	Eagle
286	"	No. 5	drift	The Carver Bros. Co.	Eagle
287	"	Diamond	drift	The Carver Bros. Co.	Eagle
288	"	Eagle No. 1	drift	W. R. Johnson	Crescent
289	"	fNo. 2 Gas	drift	W. R. Johnson	Crescent
290	"	No. 5 Splint	drift	W. R. Johnson	Crescent
291	"	Vulcan & South	2 drifts	The Mt. Carbon Co. Ltd	Powellton
292	"	Brewster	drift	The Gt. Kanawha Colliery Co.	Mt. Carbon
293	"	Edwards	drift	The Gt. Kanawha Colliery Co.	Mt. Carbon
294	"	aRhinoias	drift	The Gt. Kanawha Colliery Co.	Mt. Carbon

*Fifth District, John I. Absalom, Inspector, until May 31, 1907. *Sixth District, Bonner H. Hill, Inspector, mClosed by injunction granted Mine Department.
 fWorked out and abandoned, 2-07. cJust being developed. aAbandoned.

NAME OF SUPERINTENDENT. NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total Inside Employees.	No.
W. M. Gillie.....	John Elswick.....	No. 2. Gas	5 - 6..	fan.....	183	245
R. C. Taylor.....	Jas. A. Martin.....	No. 2. Gas	5 - 0..	fan&furn.	207	246
W. H. Evans.....	Arthur Hudson.....	No. 2. Gas	5 - 0..	natural...	17	247
H. A. Moseley.....	W. L. Herndon.....	Sewell...	3 - 0..	natural...	40	248
H. A. Moseley.....	W. L. Herndon.....	Sewell...	3 - 0..	furnace...	4	249
H. A. Moseley.....	W. L. Herndon.....	Sewell...	3 - 0..	fan.....	23	250
J. H. Dempsey.....	Thomas Toler.....	Sewell...	3 - 0..	fan.....	14	251
J. H. Dempsey.....	B. F. Dorsey.....	Sewell...	3 - 0..	fan.....	29	252
J. H. Dempsey.....	R. J. Morton.....	Sewell...	3 - 0..	fan.....	9	253
J. H. Dempsey.....	O. O. Wiseman.....	FireCreek	4 - 0..	natural...	18	254
James D. Boone.....	E. E. Sims.....	Sewell...	3 - 4..	furnace...	46	255
E. G. Blume.....	L. B. Rhodes.....	Sewell...	3 - 0..	furnace...	60	256
P. H. Henry.....	James W. Sims.....	Sewell...	3 - 0..	fan.....	65	257
L. C. Bierne.....	J. D. Edwards.....	Sewell...	4 - 0..	fan.....	65	258
L. C. Bierne.....	C. W. Jones.....	Sewell...	4 - 0..	natural...	35	259
Geo. Holland.....	John Ohlinger.....	Sewell...	3 - 8..	fan&furn.	86	260
Geo. Holland.....	Fred Ohlinger.....	Sewell...	3 - 10..	furnace...	4	261
D. W. Boone.....	Thomas Stead.....	Sewell...	3 - 8..	fan.....	84	262
D. W. Boone.....	Thomas Stead.....	Sewell...	3 - 8..	fan.....	10	263
Lee Long.....	W. A. Otey.....	Sewell...	4 - 0..	fan.....	90	264
Lee Long&W.F.Boone	Albert Ohlinger.....	Sewell...	3 - 9..	furnace...	62	265
H. H. Rothwell.....	John Carey.....	Sewell...	3 - 8..	fan.....	41	266
M. H. Blythe.....	Andrew Easton.....	FireCreek	3 - 6..	fan.....	27	267
H. L. Atkinson.....	Zeb Arrington.....	FireCreek	3 - 4..	natural...	45	268
H. B. Beury.....	Peter Wolf.....	FireCreek	4 - 0..	fan.....	72	269
J. M. Campbell.....	W. H. Thompson.....	No. 2. Gas	4 - 0..	furnace.. }	95	270
J. M. Campbell.....	W. H. Thompson.....	No. 5.....	6 - 0..	fan..... }	32	271
T. A. Deitz.....	L. D. Moran.....	No. 2. Gas	3 - 10..	furnace...	35	272
T. A. Deitz.....	L. D. Moran.....	No. 5.....	5 - 6..	furnace...	35	273
T. A. Deitz.....	J. O. Grissinger.....	No. 2. Gas	4 - 0..	furnace...	65	274
W. W. Mucklow.....	R. F. Townsend.....	Eagle.....	5 - 0..	fan.....	62	275
Morris Hansford.....	J. W. Frazier.....	Gas No. 2	4 - 6..	fan.....	49	276
Morris Hansford.....	Wm. Frye.....	No. 5.....	6 - 4..	natural...	51	277
L. W. Atkinson.....	Hay Young.....	Eagle.....	4 - 10..	fan.....	49	278
L. W. Atkinson.....	.....	No. 2. Gas	5 - 0..	.....	.....	279
John Carver.....	J. H. Tasker.....	No. 2. Gas	5 - 0..	fan.....	72	280
John Carver.....	J. W. Armentrout.....	No. 5.....	6 - 0..	natural...	43	281
James E. Carver.....	John E. Carver.....	No. 2. Gas	4 - 6..	fan.....	57	282
James E. Carver.....	John E. Carver.....	No. 2. Gas	4 - 6..	fan.....	57	283
James E. Carver.....	W. Evans.....	Eagle.....	4 - 0..	fan.....	52	284
James E. Carver.....	John Hannigan.....	Eagle.....	4 - 0..	fan.....	52	285
James E. Carver.....	A. B. Phillips.....	No. 5.....	7 - 0..	natural...	16	286
W. A. Carver.....	Wm. Shamblin.....	No. 2. Gas	5 - 6..	2 fans....	41	287
T. A. Bartlam.....	J. V. Bartlam.....	Eagle.....	3 - 2..	fan.....	23	288
T. A. Bartlam.....	Robt. Harris.....	No. 2. Gas	5 - 0..	natural...	11	289
T. A. Bartram.....	H. Webster.....	No. 5.....	6 - 0..	natural...	44	290
D. T. Evans.....	James Youell.....	Powellton	6 - 0..	fan.....	128	291
Wm. Brown.....	John Eads.....	No. 2. Gas	3 - 8..	fan.....	33	292
Wm. Brown.....	John Eads.....	Eagle.....	2 - 8..	fan.....	26	293
Wm. Brown.....	John Eads.....	Eagle.....	3 - 0..	.....	.....	294

*DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

No.	District..	Name of Mine.	Kind of Open- ing.	Name of Company.	Postoffice Address.
		<i>Fayette Co. Con.</i>			
295	Fifth	Kimberly	2drift	Cardiff Coal Co.	Charleston.....
296	"	Columbia	drift	Cardiff Coal Co.	Charleston.....
297	"	Elk Ridge No. 1.	drift	Cardiff Coal Co.	Charleston.....
298	"	Elk Ridge No. 2.	drift	Cardiff Coal Co.	Charleston.....
299	"	Ansted	drift	Loup Creek Colliery Co.	Page.....
300	"	Eagle	drift	Loup Creek Colliery Co.	Page.....
301	"	Ft. Defiance.....	drift	Ft. Defiance Coal & Coke Co.	Gauley Bridge.
302	"	Marrs Branch	drift	Marrs Branch Coal Co.	Fayette
303	"	South Side	drift	South Side Company	Caperton
304	"	Elverton	drift	The Goshen Iron Co.	Elverton.....
305	"	Kay Moor No. 1.	drift	The Low Moor Iron Co. of Va.	Kay Moor.....
306	"	Kay Moor No. 2.	drift	The Low Moor Iron Co. of Va.	Kay Moor.....
307	"	Brown	drift	Brown Coal Co.	Nuttallburg ..
308	"	Bachman	drift	New River Valley Coal Co.	Fayette
309	"	Cunard No. 7.	drift	New River Collieries Co.	Thurmond
310	"	Brooklyn No. 6.	drift	New River Collieries Co.	Thurmond
311	"	Red Ash No. 5.	drift	New River Collieries Co.	Thurmond
312	"	Rush Run No. 4.	drift	New River Collieries Co.	Thurmond
313	"	Sun No. 1.	slope	New River Collieries Co.	Thurmond
314	"	Sun No. 2.	shaft	New River Collieries Co.	Thurmond
315	"	Sun No. 3.	slope	New River Collieries Co.	Thurmond
316	"	Thurmond No. 1.	drift	The Thurmond Coal Co.	Fire Creek
317	"	Thurmond No. 2.	drift	The Thurmond Coal Co.	Fire Creek
318	"	Stone Cliff	drift	Stone Cliff Coal & Coke Co.	Claremont
319	"	No. 1.	drift	Beechwood Coal & Coke Co.	Claremont
320	"	No. 2.	drift	Alaska Coal & Coke Co.	Claremont
321	"	Alaska	drift	Ridgeview Coal Co.	Thayer.....
322	"	Ridgeview	drift	Ephraim Creek Coal & Coke Co.	Thayer.....
323	"	Buffalo	drift	Quinnimont Coal Co.	Quinnimont
324	"	Big Q	drift	Quinnimont Coal Co.	Quinnimont
325	"	Lick Branch	drift	Glendale Colliery Co.	Lawton.....
326	"	Glendale	4drifts	Laurel Creek Coal Co.	Quinnimont
327	"	Laurel	drift	Export Coal Co.	Robins
328	"	Robins	drift	Greenwood Coal Co.	Lawton.....
329	"	Greenwood	2drifts	Hemlock Hollow Coal & Coke Co.	Lawton.....
330	"	Hemlock	drift	New River & Pocahontas Consolidated Coal Co.	Gentry
331	"	Layland No. 1.	drift	New River & Pocahontas Consolidated Coal Co.	Gentry
332	"	Layland No. 2.	drift	New River & Pocahontas Consolidated Coal Co.	Gentry
333	"	Layland No. 3.	drift	New River & Pocahontas Consolidated Coal Co.	Gentry
334	"	B. No. 1.	drift	New River & Pocahontas Consolidated Coal Co.	Minden
335	"	Minden No. 2.	drift	New River & Pocahontas Consolidated Coal Co.	Minden
336	"	Minden No. 3.	drift	New River & Pocahontas Consolidated Coal Co.	Minden
337	"	Minden No. 4.	drift	New River & Pocahontas Consolidated Coal Co.	Minden
338	"	Minden No. 5.	drift	New River & Pocahontas Consolidated Coal Co.	Minden
339	"	Newlyn	drift	Newlyn Coal Co.	Newlyn
340	"	Meadow Fork	drift	Meadow Fork Coal Co.	Newlyn
341	"	Dunglen No. 1.	drift	The Dunglen Coal Co.	Dunglen
342	"	eDunglen No. 2.	drift	The Dunglen Coal Co.	Dunglen

eJust being developed.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superinten- dent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thick- ness. Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
O. C. Sharp.	J. Williams.	No. 2 Gas	5 - 4.	fan.	60	295
O. C. Sharp.	Walter Gill.	No. 2 Gas	4 - 0.	fan.	47	296
O. C. Sharp.	S. C. Rigs.	Powellton	6 - 0.	fan.	297	
O. C. Sharp.	O. Nutter.	Powellton	6 - 0.	fan.	93	298
J. O. R. Taylor.	D. S. Dooley.	No. 2 Gas	9 - 7.	furnace. }	299	
J. O. R. Taylor.	D. S. Dooley.	Eagle.	6 - 8.	furnace. }	223	300
T. R. Ragland.	K. E. Smith.	No. 2 Gas	5 - 1.	stack.	35	301
James D. Boone.	P. A. Ohlinger.	Sewell.	3 - 4.	furnace.	20	302
G. H. Caperton.	Robt. Boyd.	Sewell.	3 - 11.	2 fans.	54	303
L. C. Tippet.	George Cary.	Sewell.	3 - 6.	fan.	105	304
Wm. Barrick.	F. H. Tibbets.	Sewell.	3 - 8.	fan.	139	305
Wm. Barrick.	R. O. Raster.	Sewell.	2 - 8.	furnace.	38	306
J. A. Boone.	D. E. Barker.	Sewell.	3 - 10.	fan.	55	307
Jas. D. Boone.	Val. Bachman.	Sewell.	3 - 4.	furnace.	8	308
A. J. King.	J. E. Perry.	Sewell.	3 - 11.	natural.	37	309
A. J. King.	Edwin Jones.	Sewell.	4 - 2.	fan.	58	310
A. J. King.	Robt. Wallace.	FireCreek	6 - 0.	fan.	112	311
A. J. King.	J. R. King.	FireCreek	6 - 0.	fan.	74	312
G. M. Shoemaker.	F. S. Carroll.	Sewell.	5 - 0.	fan. }	236	313
G. M. Shoemaker.	F. S. Carroll.	Sewell.	5 - 0.			314
G. M. Shoemaker.	F. S. Carroll.	Sewell.	5 - 0.			315
H. L. Atkinson.	W. E. Morton.	Sewell.	4 - 1.	fan & nat.	65	316
H. L. Atkinson.	T. G. Burke.	FireCreek	4 - 6.	fan.	34	317
W. E. Conn.	G. D. McDaniel.	FireCreek	3 - 6.	natural.	65	318
O. C. Beury.	R. B. Hanna.	FireCreek	4 - 0.	fan.	75	319
O. C. Beury.	James Neal.	FireCreek	4 - 0.	natural.	30	320
Geo. Lawton.	S. M. Peters.	FireCreek	4 - 2.	natural.	43	321
W. J. Heatherman.	John Harris.	FireCreek	3 - 0.	natural.	19	322
Geo. Fraser.	John Filbin.	FireCreek	3 - 10.	2 fans.	156	323
J. C. Galland.	D. H. Phelps.	FireCreek	4 - 0.	natural.	57	324
J. C. Galland.	D. H. Phelps.	FireCreek	4 - 0.	natural.		325
O. B. Helwig.	J. E. Le Suer.	FireCreek	4 - 0.	natural.	50	326
James P. Beury.	Alex Anderson.	FireCreek	3 - 9.	natural.	40	327
E. E. Huddleston.	Samuel Anderson.	FireCreek	3 - 0.	natural.	30	328
W. A. Brown.	H. O. Peters.	FireCreek	4 - 0.	fan.	110	329
J. A. Brown.	D. S. Brown.	FireCreek	4 - 2.	fan.	100	330
H. M. Bertolet.	Louis Niahodel.	FireCreek	4 - 0.	natural.	90	331
H. M. Bertolet.	Louis Niahodel.	FireCreek	4 - 6.	fan.		332
H. M. Bertolet.	Louis Niahodel.	FireCreek	4 - 0.	natural.		333
Robert Watson.	B. S. Titlow.	FireCreek	3 - 6.	fan.	14	334
Robert Watson.	H. T. Woods.	Sewell.	4 - 6.	2 fans.	169	335
Robert Watson.	J. L. Huffman.	Sewell.	4 - 6.	2 fans.	164	336
Robert Watson.	T. S. Askey.	Sewell.	4 - 0.	fan.	164	337
Robert Watson.	J. T. Shearer.	Sewell.	3 - 4.	fan.	224	338
Edward Thomas.	H. P. Thomas.	FireCreek	3 - 0.	fur & nat.	15	339
Edward Thomas.	Hogue Meadows.	Sewell.	5 - 0.	furnace.	18	340
Leo Schaffer.	Geo. W. Eastham.	Sewell.	4 - 8.	furnace.	29	341
Leo Schaffer.		FireCreek				342

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District.	Name of Mine.	Kind- of Open- ing.	Name of Company.	Postoffice Address.
<i>Fayette Co. Con.</i>					
343	Fifth	Nichol	drift	Nichol Colliery Co.	Glen Jean
344	"	Derryhale	drift	McKell Coal & Coke Co.	Glen Jean
345	"	Kilsyth	drift	McKell Coal & Coke Co.	Glen Jean
346	"	Laura	drift	Laura Mining Co.	Glen Jean
347	"	Star	drift	The Star Coal & Coke Co.	Red Star
348	"	Harvey No. 1	drift	Harvey Coal & Coke Co.	Harvey
349	"	Harvey No. 2	drift	Harvey Coal & Coke Co.	Harvey
350	"	Prudence	drift	Prudence Coal Co.	Prudence
351	"	Lyman	drift	Prudence Coal Co.	Prudence
352	"	Jones	drift	Prudence Coal Co.	Prudence
353	"	Collins No. 1	drift	Collins Colliery Co.	Glen Jean
354	"	Collins No. 2	drift	Collins Colliery Co.	Glen Jean
355	"	Wingrove	shaft	White Oak Fuel Co.	Scarbro
356	"	Scarbro	shaft	White Oak Fuel Co.	Scarbro
357	"	Whipple	shaft	White Oak Fuel Co.	Whipple
358	"	Carlisle	shaft	White Oak Fuel Co.	Carlisle
359	"	Oakwood	shaft	White Oak Fuel Co.	Carlisle
360	"	Parral	shaft	Stuart Colliery Co.	Parral
361	"	Stuart	shaft	Stuart Colliery Co.	Stuart
362	"	Beech Creek	drift	Stuart Colliery Co.	Parral
363	"	Dunn Loop No. 1	drift	Dunn Loop C. & C. Co.	Dunn Loop
364	"	Dunn Loop No. 2	drift	Dunn Loop C. & C. Co.	Dunn Loop
365	"	Macdonald	drift	Macdonald Colliery Co.	Macdonald
366	"	Sugar Creek	slope	Sugar Creek C. & C. Co.	Macdonald
367	"	Sherwood	shaft	Price Hill Fuel Co.	Macdonald
368	"	Turkey Knob	drift	The Turkey Knob Coal Co.	Macdonald
369	"	cMt. Hope	drift	Mt. Hope Coal & Coke Co.	Mt. Hope
<i>Kanawha County.</i>					
370	Fourth	Jones Nos. 1 and 2	2drifts	Falling Rock Cannel Coal Co.	Charleston
371	"	Graham	drift	The Graham Coal Co.	Graham Mines
372	"	Queen Shoals	drift	The Elk Coal Co.	Charleston
373	"	Turner	drift	The Elk Coal Co.	Charleston
374	"	Lucas Ray	drift	Lucas Ray Coal Co.	Heatherman
375	"	aHeatherman	drift	Jefferson Coal & Coke Co.	Heatherman
376	"	Pen-Mar	drift	Pen Mar Mining Co.	Big Chimney
377	"	gPeacock	drift	Kanawha-Elk Coal Co.	Graham Mines
378	"	bTaggart	drift	Glendenin Mining Co.	Glendenin
379	"	Gaghan	drift	The Clay Coal Co.	Barren Creek
380	"	Mill Creek	drift	Mill Creek Cannel Coal Co.	Villa
381	"	Wills Hollow Nos. 1 & 2	2drifts	Blue Creek Coal & Land Co.	Charleston
382	"	Blakeley No. 3	drift	Blue Creek Coal & Land Co.	Charleston
383	"	bBlakeley No. 4	drift	Blue Creek Coal & Land Co.	Charleston
384	"	Schrader Nos. 1 & 2	2drifts	Columbia Coal Mining Co.	Blue Creek
385	"	bSchrader No. 3	drift	Columbia Coal Mining Co.	Blue Creek
386	"	Roderick	drift	Roderick Coal Co.	Quick
387	"	No. 2	drift	Campbells Creek Coal Co.	Dana
388	"	Putney No. 1	drift	Campbells Creek Coal Co.	Dana
389	"	Putney No. 3	drift	Campbells Creek Coal Co.	Dana
390	"	aBelle	drift	Kanawha Block Coal Co.	Charleston
391	"	No. 1	drift	Quincy Coal Co.	Quincy
392	"	No. 2	drift	Quincy Coal Co.	Quincy
393	"	No. 101	drift	Sunday Creek Company.	Cedar Grove
394	"	dNo. 104	drift	Sunday Creek Company.	Cedar Grove
395	"	No. 105	drift	Sunday Creek Company.	Cedar Grove
396	"	bNo. 106	drift	Sunday Creek Company.	Cedar Grove
397	"	bNo. 108	drift	Sunday Creek Company.	Cedar Grove
398	"	No. 109	drift	Sunday Creek Company.	Cedar Grove
399	"	bNo. 110	drift	Sunday Creek Company.	Cedar Grove
400	"	Boyd	drift	New Cedar Grove Coal & Brick Co.	Cedar Grove

a Abandoned b Idle during the year. c Just being developed. g Shut down for want of R. R. cars. d Being reopened.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superinten- dent.	Name of Mine Boss	Name of Coal Bed Worked,	Thick- ness. Ft. In.	Kind of Ventilation.	Total inside Employees.	No.
V. M. Johnson	V. M. Johnson	Sewell	6 - 0.	fan	40	343
Gilbert Smith	Thomas A. Lewis	Sewell	5 - 6.	fan	126	344
R. A. McClure	Thomas T. Lewis	Sewell	5 - 6.	fan	272	345
E. A. Trenor	Thomas Morgan	Sewell	5 - 6.	natural	58	346
Geo. W. Jones	P. B. Evandoll	Sewell	5 - 0.	fan	164	347
Fred Dixon, jr.	J. A. McAllister	Sewell	4 - 0.	fan	190	348
Fred Dixon, jr.	J. A. McAllister	Sewell	4 - 0.	fan	190	349
G. E. Dixon	W. S. Williamson	Sewell	5 - 6.	fan	350	350
G. E. Dixon	W. S. Williamson	Sewell	5 - 6.	fan	157	351
G. E. Dixon	W. B. Bryentina	Sewell	5 - 6.	furnace.	352	352
Wm. Farrel	J. W. Wedgewood	Sewell	5 - 0.	fan	215	353
Wm. Farrel	J. W. Wedgewood	Sewell	5 - 0.	fan	354	354
J. W. Wilson	W. B. Nesbitt	Sewell	5 - 6.	fan	72	355
J. W. Wilson	Ralph Brabban	Sewell	5 - 0.	fan	150	356
James Clark	Ralph Ross	Sewell	5 - 0.	fan	130	357
J. N. Schweitzer	C. W. Carmon	Sewell	4 - 6.	fan	100	358
J. N. Schweitzer	W. A. Jones	Sewell	4 - 6.	fan	79	359
L. Blankensopp	Geo. Hopkins	Sewell	4 - 2.	fan	19	360
T. C. Farnsworth	M. E. Copley	Sewell	4 - 4.	fan	20	361
L. Blankensopp	Jas. O'Boyle	Eagle	3 - 10.	furnace.	22	362
James Martin	Thomas Evans	Sewell	5 - 0.	natural	85	363
James Martin	O. Williams	Sewell	5 - 6.	fan	111	364
V. A. Miller	Wm. Ellis	Sewell	4 - 7.	natural	174	365
N. S. Blake	T. L. Ramey	Sewell	6 - 0.	fan	120	366
H. H. Pinkney	S. Hilditch	Sewell	6 - 0.	fan	50	367
James Heatherman	George Eary	Sewell	5 - 6.	fan	75	368
A. P. Bailey		Sewell	6 - 0.	furnace.	369	369
E. E. Young	R. B. Young	Cannel	2 - 6.	fan	29	370
O. M. Doolittle	N. C. Poston	N. Coalb'g	4 - 0.	furnace.	26	371
Henry Davis	Geo. Miller	Mason?	4 - 6.	furnace.	40	372
Henry Davis	W. B. Davis	Mason?	3 - 9.	fan	52	373
S. Simpkins	J. Lucas	Mason?	3 - 6.	furnace.	13	374
C. W. Jones	O. A. Warden	No. 5.	3 - 6.	fan	28	375
Jacob Householder	Jacob Householder	N. Coalb'g	3 - 0.	natural	7	376
J. G. Vaughan	J. H. Vaughan	N. Coalb'g	6 - 0.	nat. & fur.	32	377
		No. 5.	2 - 10.	furnace.	4	378
G. W. Gaghan	Wm. Woodrum	No. 5.	4 - 0.	furnace.	28	379
L. H. Kirby	Geo. Dooley	Cannel	3 - 6.	fan	25	380
J. S. Miller	John Elswick	No. 5.	4 - 6.	furnace	48	381
J. S. Miller	R. L. Miller	No. 5.	4 - 6.	furnace	37	382
J. S. Miller		Lewiston	4 - 8.		1	383
W. F. Harvey		No. 5.	4 - 0.	2 furnaces	11	384
W. F. Harvey		No. 5.	4 - 3.			385
G. H. P. Spruce	D. D. Williams	No. 5.	4 - 10.	furnace.	14	386
W. V. Rensford	Jeff. Atkins	Camp Crk	5 - 6.	fan	56	387
W. V. Rensford	J. C. Smith	No. 5.	5 - 0.	fan	176	388
W. V. Rensford	J. C. Smith	No. 5.	5 - 0.	furnace.	176	389
J. B. Ramage	P. J. Young	Coalburg	3 - 0.	natural	10	390
Wm. Dickinson	Ira O. Morris	Lewiston	3 - 6.	fan	28	391
Wm. Dickinson	J. M. Kelly	No. 5.	6 - 0.	furnace.	53	392
W. F. Mandt	H. W. Penrod	No. 5.	6 - 0.	fan	90	393
W. F. Mandt	F. W. Mandt	Coalburg	5 - 0.	fan		394
W. F. Mandt	Wm. Welch	Coalburg	6 - 6.	fan	221	395
W. F. Mandt	John Sims	No. 5.	6 - 0.	fan	46	396
W. F. Mandt	F. W. Mandt	Coalburg	5 - 0.	fan	18	397
W. F. Mandt	F. W. Mandt	No. 5.	5 - 6.	fan	42	398
W. F. Mandt	Wm. Welch	Ced Grove	5 - 0.	fan	53	399
Thomas Boyd	Thos. Boyd	Ced Grove	2 - 10.	furnace.	31	400

*Worked two shifts.

*DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
		<i>Kanawha Co. Con.</i>			
401	Fourth.....	No. 1.....	drift	Kellys Creek Colliery Co.	Ward.....
402	"	No. 3.....	drift	Kellys Creek Colliery Co.	Ward.....
403	"	No. 3 ½.....	drift	Kellys Creek Colliery Co.	Ward.....
404	"	No. 4.....	drift	Kellys Creek Colliery Co.	Ward.....
405	"	Hugheston No. 2.....	drift	Hughes Creek Coal Co.	Hugheston.....
406	"	Hugheston No. 3.....	drift	Hughes Creek Coal Co.	Hugheston.....
407	"	No. 2.....	drift	Cannelton Coal Co.	Cannelton.....
408	"	Monarch No. 1.....	drift	The Marmet Coal Co.	Monarch.....
409	"	Monarch No. 2.....	drift	The Marmet Coal Co.	Monarch.....
410	Sixth.....	Butler.....	drift	The Marmet Coal Co.	Marmet.....
411	"	Butler No. 2.....	drift	The Marmet Coal Co.	Marmet.....
412	"	Butler No. 5.....	drift	The Marmet Coal Co.	Marmet.....
413	"	No. 1.....	drift	Black Band C. & C. Co.	Chilton.....
414	"	No. 2.....	drift	Black Band C. & C. Co.	Chilton.....
415	"	No. 3.....	drift	Black Band C. & C. Co.	Chilton.....
416	"	No. 4.....	drift	Black Band C. & C. Co.	Chilton.....
417	"	No. 1.....	drift	The Olcott Coal & Iron Co.	Olcott.....
418	"	No. 2.....	drift	The Olcott Coal & Iron Co.	Olcott.....
419	"	<i>b</i> Davis Creek.....	drift	Davis Creek Mining Co.	Charleston.....
420	"	<i>b</i> Caney Fork.....	drift	Caney Fork Coal Mining Co.	Charleston.....
421	"	<i>f</i> Gas.....	drift	Winifrede Coal Co.	Winifrede.....
422	"	South.....	drift	Winifrede Coal Co.	Winifrede.....
423	"	North Pick.....	drift	Winifrede Coal Co.	Winifrede.....
424	"	North Machine.....	drift	Winifrede Coal Co.	Winifrede.....
425	"	West.....	drift	Winifrede Coal Co.	Winifrede.....
426	"	Malcolm.....	drift	Malcolm Coal Co.	Lewiston.....
427	"	Ronda.....	drift	Coalburg Colliery Co.	Ronda.....
428	"	Peerless.....	drift	Dry Branch Coal Co.	Dry Branch.....
429	"	Belmont.....	drift	Dry Branch Coal Co.	Dry Branch.....
430	"	Coalburg.....	drift	Dry Branch Coal Co.	Dry Branch.....
431	"	Oakley.....	drift	Wyatt Coal Co.	Wake Forest.....
432	"	Berlin.....	drift	Wyatt Coal Co.	Wake Forest.....
433	"	South.....	drift	Wyatt Coal Co.	Wake Forest.....
434	"	North.....	drift	Wyatt Coal Co.	Wake Forest.....
435	"	Wilton.....	drift	Persinger Coal Co.	Miami.....
436	"	Wake Forest.....	drift	Wake Forest Mining Co.	Wake Forest.....
437	"	No. 2.....	drift	The Holley & Stephenson Coal & Coke Co.	Eskdale.....
438	"	No. 5.....	drift	The Holley & Stephenson Coal & Coke Co.	Eskdale.....
439	"	No. 1.....	drift	The Holley & Stephenson Coal & Coke Co.	Eskdale.....
440	"	<i>a</i> Coalburg.....	drift	The Holley & Stephenson Coal & Coke Co.	Eskdale.....
441	"	<i>b</i> Nos. 1 and 2.....	2drifts	La Mont Mining Co.	Beth.....
442	"	No. 3.....	drift	La Mont Mining Co.	Beth.....
443	"	North.....	drift	Carbon Coal Co.	Carbon.....
444	"	South.....	drift	Carbon Coal Co.	Carbon.....
445	"	No. 3.....	drift	Carbon Coal Co.	Carbon.....
446	"	No. 1.....	drift	Republic Coal Co.	Carbon.....
447	"	No. 2.....	drift	Republic Coal Co.	Carbon.....
448	"	No. 3.....	drift	Republic Coal Co.	Carbon.....
449	"	No. 1.....	drift	West Virginia Colliery Co.	Wevaco.....
450	"	No. 2.....	drift	West Virginia Colliery Co.	Wevaco.....
451	"	No. 3.....	drift	West Virginia Colliery Co.	Wevaco.....
452	"	<i>c</i> No. 4.....	5drifts	West Virginia Colliery Co.	Wevaco.....
453	"	Aeme.....	drift	Cabin Creek Cons. Coal Co.	Kayford.....
454	"	Keystone.....	drift	Cabin Creek Cons. Coal Co.	Kayford.....
455	"	Empire.....	drift	Cabin Creek Cons. Coal Co.	Kayford.....
456	"	Buckeye.....	drift	Cabin Creek Cons. Coal Co.	Kayford.....
457	"	Shamrock.....	drift	Cabin Creek Cons. Coal Co.	Kayford.....
458	"	Belleclare.....	drift	Cabin Creek Cons. Coal Co.	Kayford.....

*a*Abandoned. *c*Just being developed. *b*Idle during the year. *f*Worked out and abandoned 2-07.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total inside Employees.	No.
H. T. Smarr.....	Wm. Martin.....	Coalburg	4 - 6	fan.....	175	401
H. T. Smarr.....	H. E. Taylor.....	Coalburg	5 - 0	fan.....	104	402
H. T. Smarr.....	H. E. Taylor.....	Coalburg	6 - 0	fan.....	40	403
H. T. Smarr.....	Wm. Shannon.....	Ced Grove	3 - 0	stack.....	13	404
J. W. Moore.....	John Nugent.....	Coalburg	5 - 2	fan.....	219	405
J. W. Moore.....	A. Archibald.....	Coalburg	5 - 2	fan.....	406	
Langdon Lea.....	Neil McCafferty.....	No. 2. Gas	6 - 10	fan.....	84	407
R. T. Price.....	W. H. Morris.....	Ced Grove	3 - 2	fan.....	89	408
R. T. Price.....	W. H. Morris.....	Ced Grove	3 - 2	fan.....	409	
R. T. Price.....	Sam Selby.....	Win'frede	4 - 6	fan & furn.....	95	410
R. T. Price.....	J. W. Shephard.....	Lens Crk.	3 - 0	fan.....	31	411
R. T. Price.....	Charles Snodgrass.....	No. 5.....	6 - 0	natural.....	8	412
A. D. Eatherly.....	O. F. Snodgrass.....	Bl'k Band	2 - 9	fan.....	44	413
A. D. Eatherly.....	John Songer.....	Bl'k Band	2 - 7	fan.....	75	414
A. D. Eatherly.....	G. E. Sanford.....	Bl'k Band	2 - 7	fan.....	48	415
A. D. Eatherly.....	Pete Mooney.....	Bl'k Band	2 - 8	fan.....	69	416
F. H. Palmer.....	B. F. Thorne.....	Bl'k Band	3 - 5	furnace.....	30	417
F. H. Palmer.....	C. E. Griffith.....	Bl'k Band	4 - 0	furnace.....	52	418
		Bl'k Band				419
R. B. Cassady.....	J. H. Burns.....	Peerless.....	2 - 5	fan.....	40	420
R. B. Cassady.....	John Gay.....	Win'frede	5 - 0	fan.....	106	421
R. B. Cassady.....	Wm. Stuart.....	Win'frede	5 - 0	fan.....	92	422
R. B. Cassady.....	Wm. Stuart.....	Win'frede	5 - 0	fan.....	424	
R. B. Cassady.....	Jno. S. Williams.....	Win'frede	5 - 0	fan.....	61	425
M. P. Malcom.....	James Hemmings.....	Peerless.....	2 - 6	furnace.....	28	426
Wm. Dils.....	Dan Morris.....	Coalburg	6 - 0	fan & nat'l.....	83	427
J. H. Carter.....	Henry V. Voiers.....	Peerless.....	3 - 10	fan.....	36	428
J. H. Carter.....	R. M. Odell.....	Belmont.....	3 - 6	fan.....	136	429
J. H. Carter.....	R. M. Odell.....	Coalburg	4 - 6	furnace.....	430	
Wm. Laing.....	J. L. Perfater.....	Lewiston	4 - 8	fan.....	40	431
David Eyandoll.....	J. P. Martin.....	No. 2. Gas	5 - 6	fan.....	49	432
A. W. Laing.....	James Raisbeck.....	Coalburg	4 - 7	fan.....	80	433
A. W. Laing.....	James Raisbeck.....	Coalburg	5 - 8	fan.....	10	434
J. T. McAlister.....	O. H. McAlister.....	Ced Grove	3 - 0	fan.....	10	435
J. O. Grymes.....	Jesse Gardner.....	No. 2. Gas	5 - 0	fan.....	47	436
F. H. McClung.....	J. M. McDonough.....	No. 2. Gas	4 - 11	fan.....	45	437
F. H. McClung.....	John Eastham.....	Lewiston	5 - 6	fan.....	27	438
F. H. McClung.....	Harrison Hall.....	No. 2. Gas	3 - 10	fan.....	5	439
F. H. McClung.....		Coalburg				440
Paul L. James.....	Logan Linville.....	No. 2. Gas		fan.....		441
Paul L. James.....	W. T. Gosney.....	Lewiston	6 - 0	fan.....	45	442
O. A. Cabell.....	Thos. Baldwin.....	No. 2. Gas	5 - 6	fan.....	46	443
O. A. Cabell.....	Lee Jenkins.....	No. 2. Gas	5 - 8	3 fans.....	70	444
C. A. Cabell.....	Lee Jenkins.....	No. 5.....	6 - 0	fan.....	34	445
Frank Homan.....	Owen Meadows.....	No. 2. Gas	5 - 0	fan.....	47	446
Frank Homan.....	H. J. Wills.....	No. 2. Gas	5 - 6	fan.....	43	447
Frank Homan.....	J. L. Winkler.....	No. 2. Gas	5 - 2	fan.....	26	448
John Holmes.....	George Buckle.....	No. 2. Gas	6 - 0	fan.....	81	449
K. D. Quarrier.....	Dan Workman.....	No. 2. Gas	4 - 4	fan.....	43	450
K. D. Quarrier.....	Charles Petty.....	No. 5 (?).....	6 - 0	natural.....	19	451
K. D. Quarrier.....	Robt. Walker.....	No. 2. Gas		natural.....		452
M. W. Murphy.....	O. E. Foster.....	Coalburg	5 - 6	fan.....	19	453
M. W. Murphy.....	John T. Scott.....	No. 2. Gas	5 - 2	fan.....	58	454
M. W. Murphy.....	J. S. Stanley.....	No. 2. Gas	5 - 0	fan.....	39	455
M. W. Murphy.....	W. S. Holmes.....	No. 2. Gas	5 - 8	natural.....	17	456
Chas. Hendrie.....	J. Bragg.....	No. 2. Gas	5 - 10	fan.....	69	457
A. P. Sherer.....	Joe Filkins.....	No. 2. Gas	5 - 6	fan.....	42	458

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District.	Name of Mine.	Kind of Open- ing.	Name of Company.	Postoffice Address.
<i>Kanawha Co. Con.</i>					
459	Sixth	Ruby	drift	Cabin Creek Cons.Coal Co	Kayford
460	"	<i>b</i> Decota	drift	Cabin Creek Cons.Coal Co	Kayford
461	"	Holly	drift	Cabin Creek Cons.Coal Co	Kayford
462	"	Quarrier	drift	Cabin Creek Cons.Coal Co	Kayford
463	"	Red Warrior	drift	Cabin Creek Cons.Coal Co	Kayford
464	"	Oherokee	drift	Cabin Creek Cons.Coal Co	Kayford
465	"	Davis	drift	Cabin Creek Cons.Coal Co	Kayford
466	"	Caledonia	drift	Cabin Creek Cons.Coal Co	Kayford
467	"	Thistle	drift	Cabin Creek Cons.Coal Co	Kayford
468	"	Rose	drift	Cabin Creek Cons.Coal Co	Kayford
469	"	Raccoon	drift	Cabin Creek Cons.Coal Co	Kayford
470	"	United Gas	drift	Cabin Creek Cons.Coal Co	Kayford
471	"	United Splint.	drift	Cabin Creek Cons.Coal Co	Kayford
472	"	Kayford	* dr. & sl	Cabin Creek Cons.Coal Co	Kayford
473	"	Klondike	drift	Coalburg-Kanawha Coal Co.	Coalburg.
474	"	No. 5	drift	Coalburg-Kanawha Coal Co.	Coalburg.
475	"	No. 6	drift	Coalburg-Kanawha Coal Co.	Coalburg.
476	"	<i>b</i> Bluehole	drift	Coalburg-Kanawha Coal Co.	Coalburg.
477	"	Lewiston	drift	Belmont Coal Co.	Crown Hill
478	"	Coalburg.	drift	Belmont Coal Co.	Crown Hill
479	"	New Coalburg	drift	Belmont Coal Co.	Crown Hill
480	"	No. 8	drift	Equitable Coal Co.	Crown Hill
481	"	Black Cat	drift	Southwestern SplintFuel Co.	Crown Hill
482	"	Reynolds	drift	Paint Creek CollieriesCo.	Charleston.
483	"	Knickerbocker	drift	Paint Creek CollieriesCo.	Charleston.
484	"	Seranton	drift	Paint Creek CollieriesCo.	Charleston.
485	"	Paint Creek	drift	Paint Creek CollieriesCo.	Charleston.
486	"	Grose No. 1	drift	Paint Creek CollieriesCo.	Charleston.
487	"	Grose No. 2	drift	Paint Creek CollieriesCo.	Charleston.
488	"	Greenbrier No. 2	drift	Paint Creek CollieriesCo.	Charleston.
489	"	Greenbrier No. 3	drift	Paint Creek CollieriesCo.	Charleston.
490	"	Wacomah	drift	Paint Creek CollieriesCo.	Charleston.
491	"	Detroit	drift	Paint Creek CollieriesCo.	Charleston.
492	"	Morton No. 1	drift	Paint Creek CollieriesCo.	Charleston.
493	"	Nuckolls	drift	Paint Creek CollieriesCo.	Charleston.
494	"	Banner No. 1	drift	Paint Creek CollieriesCo.	Charleston.
495	"	Banner No. 2	drift	Paint Creek CollieriesCo.	Charleston.
496	"	Standard	drift	Standard Splint & Gas Coal Co.	Standard
497	"	No. 1	drift	Imperial Colliery Co.	Burnwell
498	"	No. 2	drift	Imperial Colliery Co.	Burnwell
499	"	No. 3	drift	Imperial Colliery Co.	Burnwell
500	"	No. 1	drift	Chesapeake Mining Co.	Handley
501	"	No. 2	drift	Chesapeake Mining Co.	Handley
502	"	No. 3	drift	Chesapeake Mining Co.	Handley
503	"	Kanawha	drift	Montgomery Coal Co.	Montgomery ..
504	Fifth	Morris Creek	drift	Morris Creek Coal Co.	Montgomery ..
<i>Mason County.</i>					
505	Fourth	Linden	drift	Mason City Coal Mining Co.	Mason
506	"	Jackson	drift	Liverpool Salt & Coal Co.	Hartford
507	"	Hartford	slope	Hartford Coal & Mining Co.	Hartford
508	"	Camden	drift	Consumers Coal & Mining Co.	Spilman
509	"	Klondike	drift	Hanging Rock Coal Co.	Hartford
510	"	Beech Grove	drift	Beech Grove Coal Co.	Mason
511	"	<i>d</i> Dixie	drift	Dixie Coal Works.	Mason

*b*Idle during the year. *d*Being reopened. *Drift and slope.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total inside employes.	No.
A. P. Sherer.....	John Petry.....	Coalburg.	5 - 6.	natural...	19	459
A. P. Sherer.....		Eagle.....	3 - 6.			460
H. L. Fisher.....	T. J. Gosnay.....	No. 2 Gas	4 - 10.	fan.....	54	461
H. L. Fisher.....	J. W. Branham.....	No. 2 Gas	5 - 4.	fan.....	52	462
J. B. Ramage.....	J. W. Gay.....	No. 2 Gas	5 - 6.	fan.....	37	463
J. B. Ramage.....	J. G. Vaughan.....	No. 2 Gas	5 - 0.	fan.....	53	464
Robt. E. Thompson.....	Robt. E. Thompson.....	Lewiston	5 - 8.	fan.....	51	465
J. B. Ramage.....	Alex Stover.....	No. 2 Gas	4 - 6.	fan.....	28	466
Chas. Hendrie.....	Moray Darby.....	No. 2 Gas	4 - 8.	fan.....	60	467
Chas. Hendrie.....	W. S. Holmes.....	Coalburg.	6 - 6.	2furnaces.	26	468
Chas. Hendrie.....	E. R. Johnson.....	No. 2 Gas	5 - 0.	2fans.....	73	469
A. P. Sherer.....	Geo. Moran.....	No. 2 Gas	5 - 2.	fan.....	96	470
A. P. Sherer.....	E. S. Holmes.....	Coalburg.	6 - 0.	furnace.....	18	471
Chas. Hendrie.....	Edward Barrass.....	No. 2 Gas	5 - 10.	fan.....	61	472
J. A. Willis.....	John Cary.....	Ced Grove	2 - 9.	furnace.....	23	473
J. A. Willis.....	John Burgraph.....	Coalburg.	5 - 8.	fan.....	42	474
J. A. Willis.....	T. F. Neylan.....	No. 5.....	5 - 8.	natural...	6	475
J. A. Willis.....	John Burgraph.....	Lewiston.	3 - 6.	furnace.....		476
E. M. McConihay.....	Ed Hope.....	Lewiston.	3 - 9.	fan.....	12	477
E. M. McConihay.....	Ed Hope.....	Coalburg.	6 - 0.	natural...	16	478
E. M. McConihay.....	Ed Hope.....	Coalburg.	6 - 0.	fan.....	66	479
E. S. Brewer.....	Harry Conway.....	Coalburg.	4 - 8.	fan.....	160	480
W. E. Del.....	Dan Hudnall.....	Coalburg.	7 - 0.			
		Lewiston.	4 - 0.	fan.....	73	481
J. R. Mucklow.....	Wm. Glendenin.....	Bl'k Band	3 - 6.	furnace.....	47	482
J. R. Mucklow.....	Thomas Young.....	Bl'k Band	3 - 4.	3furnaces.	60	483
John A. Greene.....	John Cox.....	Coalburg.	5 - 0.	fan.....	65	484
John A. Greene.....	Thos. Burke.....	Coalburg.	7 - 0.	fan.....	84	485
O. W. Rogers.....	J. W. Rhodes.....	Eagle.....	3 - 6.	2furnaces.	12	486
O. W. Rogers.....	J. W. Rhodes.....	Powellton.	6 - 0.	furnace.....	22	487
O. W. Rogers.....	P. T. Berry.....	No. 2 Gas	4 - 6.	fan.....	53	488
O. W. Rogers.....	Lee Patrick.....	Winifrede	6 - 0.	fan.....	32	489
John A. Greene.....	Harry Johnson.....	Coalburg.	5 - 6.	fan & furn.	88	490
O. W. Rogers.....	Elbin Carrow.....	Eagle.....	4 - 0.	fan.....	22	491
O. W. Rogers.....	Elbin Carrow.....	Eagle.....	4 - 0.	2furnaces.	49	492
O. W. Rogers.....	Dan Kelly.....	No. 2 Gas	3 - 10.	furnace.....	57	493
Jno. A. Greene.....	D. L. Waters.....	Coalburg.	6 - 0.	fan.....	53	494
Jno. A. Greene.....	D. L. Waters.....	Lewiston.	5 - 0.	furnace.....	17	495
J. A. Straughan.....	Ed. Faulkner.....	Coalburg.	7 - 6.	fan.....	98	496
Quinn Morton.....	Thos. Seacrist.....	Eagle.....	5 - 8.	fan.....	62	497
Quinn Morton.....	C. B. Johnson.....	Eagle.....	3 - 6.	fan.....	48	498
Quinn Morton.....	Homer Howell.....	Eagle.....	4 - 8.	fan.....	43	499
R. O. Lewis.....	Alex Thompson.....	Kanawha.	5 - 0.	fan.....	81	500
R. O. Lewis.....	Geo. Walker.....	No. 2 Gas	4 - 3.	fan.....		501
R. O. Lewis.....	Geo. Walker.....	Coalburg.	4 - 3.	4furnaces.		502
S. H. Montgomery.....	S. P. Johnson.....	Kanawha.	5 - 0.	2fans.....	69	503
F. C. Todd.....	John Absalom.....	Kanawha.	5 - 0.	fan.....	58	504
C. J. Ryan.....	John G. Roush.....	Pittsburg.	4 - 6.	fan.....	42	505
H. S. Smith.....	Samuel Edwards.....	Pittsburg.	4 - 6.	fan.....	28	506
H. G. Greer.....	John Roy.....	Pittsburg.	5 - 4.	fan.....	35	507
Authur Mitchell.....	James Smith.....	Pittsburg.	4 - 0.	fan.....	60	508
Howard Robinson.....	Robt. Knight.....	Pittsburg.	4 - 10.	furnace.....	18	509
Joseph Icenhower.....	H. H. Williams.....	Pittsburg.	5 - 0.	natural...	42	510
G. H. Gress.....	Ben Phillips.....	Pittsburg.	4 - 6.	furnace.....		511

*DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
<i>Nicholas County.</i>					
512	Fourth	Bell Creek	drift	Bell Creek Coal Co.	Belva
513	"	No. 1	drift	The Columbus Coal Co.	Vaughan
514	"	No. 2	drift	The Columbus Coal Co.	Vaughan
515	"	Cambria	drift	Kentucky Coal & Lumber Co.	Cambria
516	"	Mt. Carmel	drift	Kentucky Coal & Lumber Co.	Cambria
517	"	National	drift	Kentucky Coal & Lumber Co.	Cambria
518	"	Arminius	drift	Arminius Coal Co.	Scotford
519	"	Raven	drift	Paint Creek Collieries Co.	Charleston
<i>Putnam County.</i>					
520	Fourth	Plymouth	drift	Plymouth Coal & Mining Co.	Plymouth
521	"	Manilla	drift	Plymouth Coal & Mining Co.	Plymouth
522	"	California	drift	Plymouth Coal & Mining Co.	Plymouth
523	"	Big Otto No. 1	drift	The Otto Marmet Coal & Mining Co.	Raymond City
524	"	Big Otto No. 2	drift	The Otto Marmet Coal & Mining Co.	Raymond City
525	"	Big Otto No. 3	drift	The Otto Marmet Coal & Mining Co.	Raymond City
526	"	Black Betsey No. 1	drift	Black Betsey Coal & Mining Co.	Black Betsey
527	"	Black Betsey No. 2	drift	Black Betsey Coal & Mining Co.	Black Betsey
528	"	Oak Forest	slope	The Oak Forest Coal & Mining Co.	Oak Forest
529	"	Alpha	drift	The Alpha Coal Mining Co.	Plymouth
<i>Greenbrier County.</i>					
530	Fifth	Lost Flat	drift	Elk Lick Coal Co.	Richwood
<i>Raleigh County.</i>					
531	Sixth	cDorothy	drift	Big Coal Co.	Dorothy
532	Fifth	Royal	drift	New River Collieries Co.	Thurmond
533	"	Lanark	drift	New River Collieries Co.	Thurmond
534	"	cEccel Nos. 1 & 2	2shaft	New River Collieries Co.	Thurmond
535	"	No. 3	drift	Raleigh Coal & Coke Co.	Raleigh
536	"	No. 1	drift	Raleigh Coal & Coke Co.	Raleigh
537	"	No. 2	drift	Raleigh Coal & Coke Co.	Raleigh
538	"	No. 4	drift	Raleigh Coal & Coke Co.	Raleigh
539	"	No. 5	drift	Raleigh Coal & Coke Co.	Raleigh
540	"	Wright	drift	The Wright Coal & Coke Co.	Wright
541	"	Pack	drift	The Wright Coal & Coke Co.	Wright
542	"	Piney No. 1	drift	Piney Coal & Coke Co.	Stanaford
543	"	Piney No. 2	drift	Piney Coal & Coke Co.	Stanaford
544	"	Piney No. 3	drift	Piney Coal & Coke Co.	Stanaford
545	"	Piney No. 4	drift	Piney Coal & Coke Co.	Stanaford
546	"	Stonewall	drift	Stonewall Coal & Coke Co.	Terry
547	"	Terry	drift	Stonewall Coal & Coke Co.	Terry
548	"	cStonewall No. 4	drift	Stonewall Coal & Coke Co.	Terry
549	"	Oswald	drift	McKell Coal & Coke Co.	Glen Jean
550	"	Sidney	drift	McKell Coal & Coke Co.	Glen Jean
551	"	Graham	drift	McKell Coal & Coke Co.	Glen Jean
552	"	Blue Jay	drift	Blue Jay Coal & Lumber Co.	Blue Jay
553	"	Lewis	drift	Home Coal Co.	Wickham
554	"	Beckley	slope	Beckley Coal & Coke Co.	Wickham
555	"	Crabscott	drift	Mabscott Coal & Coke Co.	Mabscott
556	"	Cranberry	shaft	Cranberry Fuel Co.	Skelton

cJust being developed.

**NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS. AND TOTAL NUMBER
OF INSIDE EMPLOYES.**

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. in.	Kind of Ventilation.	Total Inside Employees.	No.
O. G. Wood.....	Scott Taylor.....	Coalburg..	4 - 0..	fan.....	39	512
G. W. Hope.....	John H. Kirby.....	No. 2. Gas	4 - 4..	furnace...	8	513
G. W. Hope.....	John H. Kirby.....	Coalburg..	3 - 10..	furnace...	15	514
L. D. Burns.....	Charles Boggs.....	Coalburg..	4 - 6..	furnace...	23	515
L. D. Burns.....	L. H. Arthur.....	Coalburg..	4 - 6..	fan.....	28	516
L. D. Burns.....	C. C. Bayles.....	Coalburg..	4 - 4..	furnace...	19	517
G. E. Smith.....	S. W. Smith.....	Coalburg..	4 - 8..	furnace...	12	518
F. H. Snyder.....	J. H. Walker.....	Coalburg..	3 - 7..	fan.....	14	519
W. C. Mitchell.....	Joseph Virgin.....	Pittsburg	5 - 6..	2 fans.....	36	520
W. C. Mitchell.....	Joseph Virgin.....	Pittsburg	5 - 6..	fan.....	91	521
W. C. Mitchell.....	Joseph Virgin.....	Pittsburg	5 - 6..	fan.....	47	522
Edward Schonebaum	Andrew Utt.....	Pittsburg	5 - 8	} fan.....	250	523
Edward Schonebaum	Robt. Fields.....	Pittsburg	5 - 8			524
Edward Schonebaum	Robt. Fields.....	Pittsburg	5 - 8..	fan.....		525
Lloyd Parkins.....	J. W. Hargraves.....	Pittsburg	5 - 8..	fan&furn.	357	526
Lloyd Parkins.....	J. W. Hargraves.....	Pittsburg	5 - 8..	fan.....		527
D. L. Thomas.....	Wm. Thomas.....	Pittsburg	3 - 10..	fan.....	19	528
Robt. G. Gill.....	Thomas Caruthers.....	Pittsburg	4 - 0..	fan.....	11	529
H. W. Armstrong.....	H. P. Jones.....	Fire Cre'k	4 - 0..	fan.....	25	530
O. E. Sandberg.....	Robt. Kirk.....	Coalburg..	11 - 6..	furnace...	15	531
S. M. Miller.....	R. C. Hume.....	Fire Cre'k	4 - 0..	natural...	56	532
S. M. Miller.....	Wm. Noble.....	Sewell.....	4 - 6..	natural...	73	533
S. M. Miller.....	.....	Beckley.....	3 - 6..	.....	.....	534
J. M. Moore.....	Ed. Zwilling.....	Beckley.....	4 - 6..	fan.....	171	535
J. M. Moore.....	James P. White.....	Beckley.....	4 - 6..	fan.....	88	536
J. M. Moore.....	James P. White.....	Beckley.....	4 - 6..	fan.....		537
J. M. Moore.....	James P. White.....	Beckley.....	4 - 6..	fan.....		538
J. M. Moore.....	L. Z. Cornett.....	Sewell.....	4 - 0..	fan.....	12	539
W. Gaston Caperton..	Wm. Hurt.....	Fire Cre'k	3 - 6..	fan.....	84	540
W. Gaston Caperton..	J. A. Davis.....	Fire Cre'k	3 - 6..	furnace...	39	541
Charles Jasper.....	I. E. Price.....	Beckley.....	5 - 6..	fan.....	67	542
Charles Jasper.....	J. O. Vaught.....	Beckley.....	5 - 6..	furnace...	54	543
Charles Jasper.....	M. L. McGinnis.....	Sewell.....	4 - 5..	fan.....	66	544
Charles Jasper.....	G. J. Richardson.....	Beckley.....	6 - 0..	furnace...	40	545
F. M. Lee.....	E. J. Robertson.....	Sewell.....	5 - 0..	furnace...	36	546
F. M. Lee.....	Frank Beard.....	Fire Cre'k	4 - 0..	furnace...	50	547
F. M. Lee.....	.....	Fire Cre'k	3 - 0..	.....	.....	548
F. B. Imboden.....	Geo. Smedley.....	Sewell.....	4 - 8..	fan.....	88	549
F. B. Imboden.....	Geo. Smedley.....	Sewell.....	5 - 0..	fan.....	38	550
F. Hindson.....	John Warren.....	Sewell.....	4 - 10..	fan.....	61	551
P. C. Lynch.....	Pat. McQuade.....	Beckley.....	6 - 0..	natural...	19	552
M. Thomas.....	Jesse Thomas.....	Sewell.....	4 - 6..	natural...	17	553
W. J. Elgin.....	John F. Davis.....	Sewell.....	4 - 4..	fan.....	110	554
W. J. Elgin.....	Leimuel Smith.....	Sewell.....	4 - 2..	fan.....	60	555
A. N. Humphreys Jr.	J. M. Sanderson.....	Sewell.....	4 - 0..	fan.....	27	556

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
<i>Raleigh County Con.</i>					
557	Fifth	Prosperity	shaft	Cranberry Fuel Co.	Skelton
558	"	Skelton	slope	Cranberry Fuel Co.	Skelton
559	"	Sprague	slope	Cranberry Fuel Co.	Skelton
560	"	Price Hill	shaft	Price Hill Fuel Co.	Macdonald
<i>Lincoln County.</i>					
561	Sixth	Rochester	drift	Rochester Coal Co.	Branchland
562	"	Lincoln No. 1	drift	Branchland Coal Co.	Branchland
563	"	bBrown City	drift	Branchland Coal Co.	Branchland
564	"	bEden Park	drift	Eden Park Coal Co.	Huntington
<i>Logan County.</i>					
565	Sixth	Monitor & Beechwood	2drifts	The Monitor Coal & Coke Co.	Logan
566	"	Gay	drift	The Gay Coal & Coke Co.	Logan
567	"	Draper	drift	Draper Coal & Coke Co.	Logan
568	"	Big Creek	drift	Big Creek Coal Co.	Stone Branch
569	"	Island Creek No. 1 ..	drift	United States Coal & Oil Co.	Holden
570	"	Island Creek No. 2 ..	drift	United States Coal & Oil Co.	Holden
571	"	cIsland Creek No. 3 ..	drift	United States Coal & Oil Co.	Holden
572	"	Stone Branch	drift	Stone Branch Coal Co.	Stone Branch
573	"	Logan No. 1	drift	Logan Coal Co.	Ethel
574	"	Yuma	drift	Yuma Coal & Coke Co.	Logan
575	"	Fort Branch	drift	Fort Branch Coal Co.	Fort Branch
576	"	Cora	drift	Cora Coal & Coke Co.	Logan
577	"	Prudential	drift	Prudential Coal & Mining Co.	Big Creek
578	"	Rex	drift	Rex Coal & Coke Co.	Ethel
579	"	Odd	drift	Odd Coal & Coke Co.	Ethel
580	"	Ethel	drift	Ethel Coal Co.	Ethel
581	"	Wilson	drift	H. T. Wilson Coal Co.	Logan
<i>Mingo County.</i>					
582	Sixth	fCamp Branch	drift	Pearl Coal Mining Co.	Dingess
583	"	Haggerty	drift	Pearl Coal Mining Co.	Dingess
584	"	Alma	drift	Belydere Gas Coal Co.	Sprigg
585	"	Rutherford	drift	Red Jacket Consolidated Coal & Coke Co.	Red Jacket
586	"	Red Jacket	drift	Red Jacket Consolidated Coal & Coke Co.	Red Jacket
587	"	Logan	drift	Red Jacket Consolidated Coal & Coke Co.	Red Jacket
588	"	Maritime	drift	Red Jacket Consolidated Coal & Coke Co.	Thacker
589	"	Lick Fork	drift	Red Jacket Consolidated Coal & Coke Co.	Thacker
590	"	Grapevine	drift	Red Jacket Consolidated Coal & Coke Co.	Edgarton
591	"	No. 2	drift	Thacker Coal & Coke Co.	Thacker Mines
592	"	No. 3	drift	Thacker Coal & Coke Co.	Thacker Mines
593	"	Lynn	drift	Thacker Coal & Coke Co.	Sheppard
594	"	No. 10	drift	Thacker Fuel Co.	New Thacker
595	"	No. 1	drift	Glen Alum Coal Co.	Glen Alum
596	"	No. 2	drift	Glen Alum Coal Co.	Glen Alum
597	"	bNolan	drift	Big Splint Coal Co.	Nolan
598	"	War Eagle	drift	War Eagle Coal Co.	War Eagle
599	"	Pappoose	drift	War Eagle Coal Co.	War Eagle
600	"	Mephisto	drift	War Eagle Coal Co.	War Eagle
601	"	Star	drift	War Eagle Coal Co.	War Eagle

*b*Idle during the year. *c*Just being developed. *f*Worked out and abandoned. *h*In definitely closed 5-1-07.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superinten- dent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thick- ness. Ft. In.	Kind of Ventilation.	Total inside employees.	No.
A. N. Humphreys, Jr.	W. J. Eicher	Sewell.....	4 - 0..	fan.....	30	557
A. D. Callihan	Wm. Nicholson	Sewell.....	4 - 0..	fan.....	61	558
A. D. Callihan	E. T. Hudson	Sewell.....	4 - 0..	fan.....	46	559
H. H. Pinkney.	Zack Evans.....	Sewell.....	4 - 6..	fan.....	89	560
P. H. Grelle.....	Charles Estep.....	Stockton.....	7 - 0..	furnace...	4	561
G. W. Coyle	Lon Reeves.....	Kanawha.....	6 - 6..	furnace...	28	562
G. W. Coyle .....	.....	Kanawha.....	.....	.....	.....	563
F. D. Caldwell, Pres.	.....	Kanawha.....	.....	.....	.....	564
J. E. Barlow	E. M. Stephens.....	Winifrede.....	6 - 6..	2 fans...	80	565
H. S. Gay	Fred Kellerman	Winifrede.....	5 - 9..	fan.....	41	566
F. S. Lee.....	John Stephens	Winifrede.....	4 - 6..	furnace...	53	567
W. T. Oliver.....	John Early.....	Kanawha.....	4 - 0..	furnace...	119	568
Paul Hardy	J. M. Moore	Winifrede.....	6 - 4..	fan.....	180	569
Paul Hardy	W. G. Lax.....	Winifrede.....	6 - 4..	fan.....	205	570
Paul Hardy.....	.....	.....	.....	.....	.....	571
Joel T. Adams.....	Goodman Brennan	No. 2 Gas.....	4 - 0..	furnace...	45	572
W. L. Croft.....	R. S. Baldwin	Winifrede.....	5 - 0..	furnace...	70	573
W. H. Barlow.....	W. L. Stevens.....	Winifrede.....	7 - 0..	fan.....	25	574
C. E. Stafford.....	F. R. Kitchen.....	Winifrede.....	4 - 6..	furnace...	20	575
O. W. Jones.....	James Hall.....	Winifrede.....	6 - 0..	fan.....	18	576
S. O. Fisher.....	S. O. Fisher	Winifrede.....	3 - 10..	furnace...	16	577
Bernard G. Call.....	G. H. Bolen	Winifrede.....	5 - 8..	furnace...	12	578
J. W. Mitchell.....	L. H. Jackson	Winifrede.....	5 - 2..	furnace...	15	579
G. A. Devenny.....	Ed Davidson	Winifrede.....	5 - 0..	furnace...	28	580
F. S. Lee.....	Geo. Campbell.....	Winifrede.....	4 - 6..	fan.....	20	581
J. F. Kent.....	A. Mitchell.....	oLo Kitt'g.....	4 - 0..	furnace...	9	582
J. F. Kent.....	Geo. Castle.....	Lo. Kittan.....	4 - 0..	fan.....	37	583
J. F. Kent.....	W. H. Adams.....	Browstown.....	3 - 6..	furnace...	23	584
W. R. Wilburn.....	Geo. Wilburn	oThacker.....	4 - 8..	fan.....	132	585
W. R. Wilburn.....	Mark Hyrne.....	Thacker.....	4 - 0..	2 fans...	218	586
W. R. Wilburn.....	Geo. Barney	Thacker.....	4 - 8..	fan.....	24	587
E. C. Lambert.....	D. T. Karnes.....	Thacker.....	4 - 10..	fan.....	76	588
E. C. Lambert.....	A. Copley	Thacker.....	6 - 10..	2 furnaces	128	589
E. C. Lambert.....	James Gent	Thacker.....	12 - 0..	furnace...	121	590
James Collins.....	Wm. Pontious	Thacker.....	6 - 6..	fan.....	100	591
James Collins.....	Peter Kerr.....	Thacker.....	6 - 6..	fan.....	135	592
James Collins.....	Will Roebler.....	Thacker.....	5 - 0..	furnace...	24	593
James Collins.....	Charles Sigman.....	Thacker.....	6 - 6..	furnace...	31	594
P. P. Flanagan.....	Frank McClosky.....	Thacker.....	6 - 3..	fan.....	111	595
P. P. Flanagan.....	T. J. Connelly.....	Thacker.....	6 - 3..	fan.....	14	596
W. D. Waltz.....	Joseph H. Gray.....	Winifrede.....	4 - 0..	furnace...	14	597
G. W. Coffey.....	M. F. Booth.....	Kittan'ng.....	6 - 0..	furnace...	107	598
G. W. Coffey.....	J. K. Coffey.....	Kittan'ng.....	6 - 0..	furnace...	119	599
G. W. Coffey.....	J. A. Earnest.....	Kittan'ng.....	6 - 0..	furnace...	114	600
G. W. Coffey.....	James McBrayer.....	Lo. Kittan.....	6 - 0..	furnace...	92	601

oLower Kittanning and Thacker are same seam.

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
<i>Mingo County Con.</i>					
602	Sixth	Hatfield	drift	Hatfield Colliery Co.	Rucker.
603	"	<i>h</i> Jackson	drift	Culross Coal Co.	Nolan.
604	"	No. 1	drift	Mate Creek Coal Co.	Matewan.
605	"	No. 2	drift	Mate Creek Coal Co.	Matewan.
606	"	Marvin No. 1	drift	Marvin Coal Co.	Matewan.
607	"	<i>c</i> Marvin No. 2	drift	Marvin Coal Co.	Matewan.
608	"	Margaret No. 1	drift	Margaret Mining Co.	War Eagle.
609	"	Margaret No. 2	drift	Margaret Mining Co.	War Eagle.
610	"	Cedar	drift	Majestic Collieries Co.	Cedar.
611	"	Commercial	2drifts	Merrimac Coal & Coke Co	Merrimac.
612	"	Coaling Station.	drift	Merrimac Coal & Coke Co	Merrimac.
613	"	Williamson No. 1.	drift	Williamson Coal & Coke Co.	Williamson.
614	"	Williamson No. 2.	drift	Williamson Coal & Coke Co.	Williamson.
615	"	Sugar Tree	drift	Winifrede Consolidated Coal Co.	Goodman.
616	"	Howard	drift	Howard Colliery Co.	Chattaroy.
617	"	Chattaroy	drift	Chattaroy Colliery Co.	Chattaroy.
618	"	Buffalo	drift	The Buffalo Collieries Co.	Chattaroy.
619	"	Rawl No. 1	drift	Leftwich & Taylor.	Rawl.
620	"	<i>h</i> Rawl No. 2.	drift	Leftwich & Taylor.	Rawl.
621	"	Walnut Hill	drift	Walnut Hills Coal & Mining Co.	Naugatuck.
622	"	Lingohocken No 1	drift	Lingohocken Coal Co.	Chattaroy.
623	"	Warfield	shaft	Warfield Coal Co.	Kermit.
624	"	Sycamore	drift	Sycamore Coal Co.	Williamson.
625	"	Mattie May	drift	Mattie May Coal & Coke Co.	Eugene.
626	"	<i>c</i> No. 1	3drifts	The Mingo Block Coal Co	Williamson.
<i>Wayne County.</i>					
627	Sixth	East Lynn No. 1	drift	East Lynn Coal Co.	East Lynn.
<i>McDowell County.</i>					
628	*Seventh...	<i>a</i> Big Four	drift	Algoma Coal & Coke Co.	Algoma.
629	"	Piney	drift	Algoma Coal & Coko Co.	Algoma.
630	"	North Fork	drift	Algoma Coal & Coke Co.	Algoma.
631	"	Gilliam	drift	Gilliam Coal & Coke Co.	Gilliam.
632	"	Roanoke	drift	Roanoke Coal & Coke Co.	Worth.
633	"	Indian Ridge	drift	Indian Ridge Coal & Coke Co.	Worth.
634	"	Arlington	drift	Arlington Coal & Coke Co	McDowell.
635	"	Greenbrier	drift	Greenbrier Coal & Coke Co.	McDowell.
636	"	McDowell	drift	McDowell Coal & Coke Co	McDowell.
637	"	Ashland No. 1	drift	Ashland Coal & Coke Co.	Ashland.
638	"	Ashland No. 2.	drift	Ashland Coal & Coke Co.	Ashland.
639	"	Elk Ridge Nos. 1 & 2	2drifts	Elk Ridge Coal & Coke Co	Kyle.
640	"	Norfolk	drift	Pocahontas Consolidated Collieries Co.	Pocahontas, Va
641	"	Angle	drift	Pocahontas Consolidated Collieries Co.	Pocahontas, Va
642	"	Lick Branch	drift	Pocahontas Consolidated Collieries Co.	Pocahontas, Va
643	"	Delta	drift	Pocahontas Consolidated Collieries Co.	Pocahontas, Va
644	"	Shamokin	drift	Pocahontas Consolidated Collieries Co.	Pocahontas, Va
645	"	Cherokee	drift	Pocahontas Consolidated Collieries Co.	Pocahontas, Va

*Seventh District. William Warner, Inspector. *h*Indefinitely closed 5-1-07. *c*Just being developed. *b*Idle during the year. *a*Abandoned.

*NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYES.*

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total Inside Employees.	No.
J. R. White	O. C. New	Winifrede	4 - 0.	furnace...	41	602
W. J. Frey	H. Endicott	Winifrede	3 - 6.	natural...	22	603
S. T. Lambert	J. F. Dickenson	M. Kittan	3 - 10.	furnace. }	604	
S. T. Lambert	J. F. Dickenson	Thacker..	3 - 10.	furnace. }	40	605
J. A. Williams	G. F. Booth	Brownstown.	4 - 0.	furnace...	38	606
J. A. Williams	J. W. Stewart	Thacker..	6 - 0.	furnace...	607	
A. H. Dangerfield	L. J. Blankenship	Thacker..	6 - 0.	fan . . }	65	608
A. H. Dangerfield	L. J. Blankenship	Thacker..	6 - 0.	fan . . }	609	
A. B. Rawn	L. A. Harrison	Lo. Kittan	3 - 0.	2 furnaces	15	610
J. T. Woody	E. B. Varney	Lo. Kittan	3 - 6.	furnace...	24	611
J. T. Woody	K. L. Brogans	Brownstown.	3 - 6.	furnace...	34	612
W. T. Poole	H. H. Kelley	M. Kittan	4 - 2	furnace...	32	613
W. T. Poole	E. D. Davies	Lo. Kittan	4 - 2.	furnace...	38	614
W. A. Hurst	A. Mitchell	Winifrede	5 - 0.	furnace...	24	615
W. S. Estler	R. G. Clayter	Winifrede	6 - 0.	furnace...	49	616
C. E. Tabor	O. E. Tabor	Winifrede	5 - 6 }	2 furnaces	75	617
S. V. Preston	O. D. Jefferson	Coalburg	4 - 8.	fan	27	618
R. N. Taylor	John Newcomb	Lo. Kittan	3 - 10.	furnace...	25	619
R. N. Taylor	Lo. Kittan 'ng				620	
J. G. Thomas	Wm. Paisley	Winifrede	4 - 0.	furnace...	35	621
W. P. Buckwalker	Floyd Golden	Winifrede	4 - 0.	furnace...	64	622
H. G. Happersett	B. D. Pinson	Lo. Kittan	4 - 0.	furnace...	26	623
Chas. Culross			3 - 0.		2	624
J. M. Wright	Geo. Morgan	Winifrede	4 - 6.	furnace...	8	625
Henry M. Payne	Albert McKinney	Winifrede	10 - 3 }		626	
		Thacker..	8 - 6 }			
		Gas	4 - 0 }			
Adam Lindley	Adam Lindley	Winifrede	3 - 6.	furnace...	35	627
Wm. J. Beury	M. F. Hensley	Poca No.3	6 - 6.	fan	628	
Wm. J. Beury	M. F. Hensley	Poca No.3	6 - 6.	fan	150	629
Wm. J. Beury	H. W. Pippin	Poca No.3	6 - 0.	natural. }	630	
P. P. Flanagan	John Yost	Poca No.3	6 - 0.	fan	115	631
W. C. Easley	Wm. Marshall	Poca No.3	5 - 3.	fan	75	632
A. D. Rice	H. A. Taylor	Poca No.3	5 - 0.	fan	96	633
P. P. Flanagan	J. O. Campbell	Poca No.3	5 - 8.	fan	90	634
Jairus Collins	C. W. Atkinson	Poca No.3	6 - 0.	fan	100	635
H. W. Rawson	C. R. Wise	Poca No.3	5 - 0.	2 fans...	163	636
T. J. O'Neil	J. C. Lovern	Poca No.3	4 - 9.	fan	230	637
T. J. O'Neil	T. D. Mathews	Poca No.3	4 - 9.	fan	638	
L. E. Tierney	John J. Daly	Poca No.3	6 - 5.	2 fans...	110	639
James Ellwood Jones.	R. S. Whitehead	Poca No.3	7 - 6.	fan	500	640
James Ellwood Jones.	R. S. Whitehead	Poca No.3	7 - 6.	fan	641	
James Ellwood Jones.	R. S. Whitehead	Poca No.3	7 - 0.	fan	280	642
James Ellwood Jones.	R. S. Whitehead	Poca No.3	8 - 0.	fan	290	643
James Ellwood Jones.	R. S. Whitehead	Poca No.3	7 - 0.	fan	275	644
James Ellwood Jones.	Ellis Sheets	Poca No.3	5 - 0.	fan	165	645

**DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.**

No.	District....	Name of Mine.	Kind of Open- ing.	Name of Company.	Postoffice Address.
646	Seventh....	<i>McDowell Co., Con.</i> <i>b</i> Rolfe.....	drift	Pocahontas Consolidated Collieries Co.....	Pocahontas, Va
647	"	West.....	drift	Pocahontas Consolidated Collieries Co.....	Pocahontas, Va
648	"	Elkhorn.....	drift	Elkhorn Coal & Coke Co.	Maybeury.....
649	"	Zenith No. 1.....	drift	Zenith Coal & Coke Co..	Crumpler.....
650	"	Zenith No. 2.....	drift	Zenith Coal & Coke Co..	Crumpler.....
651	"	Tidewater.....	drift	The Tidewater Coal & Coke Co.....	Vivian.....
652	"	Bottom Creek.....	drift	Bottom Creek Coal & Coke Co.....	Vivian.....
653	"	Peerless.....	drift	Peerless Coal & Coke Co.	Vivian.....
654	"	Empire.....	drift	The Empire Coal & Coke Co.....	Landgraff.....
655	"	Shawnee.....	drift	Shawnee Coal & Coke Co.	Eckman.....
656	"	Eureka.....	drift	Eureka Coal & Coke Co..	Eckman.....
657	"	Pulaski.....	2drifts	Pulaski Iron Co.....	Eckman.....
658	"	Keystone No. 1.....	drift	Keystone Coal & Coke Co.	Keystone.....
659	"	Keystone No. 2.....	drift	Keystone Coal & Coke Co.	Keystone.....
660	"	Lynchburg.....	drift	Lynchburg Coal & Coke Co.....	Kyle.....
661	"	Powhatan.....	drift	Powhatan Coal & Coke Co.	Powhatan ..
662	"	No. 1.....	drift	Upland Coal & Coke Co..	Elkhorn.....
663	"	No. 2.....	drift	Upland Coal & Coke Co..	Elkhorn.....
964	"	No. 1.....	drift	Houston Coal & Coke Co.	Elkhorn.....
665	"	No. 2.....	drift	Houston Coal & Coke Co.	Elkhorn.....
666	"	No. 1.....	drift	Crozer Coal & Coke Co..	Elkhorn.....
667	"	No. 2.....	drift	Crozer Coal & Coke Co..	Elkhorn.....
668	"	Turkey Gap.....	drift	Turkey Gap Coal & Coke Co.....	Ennis.....
669	"	Cirrus.....	slope	Cirrus Coal & Coke Co..	Bigfour.....
670	"	Big Sandy.....	drift	Big Sandy Coal & Coke Co.	Big Sandy ..
671	"	Marytown.....	drift	Big Sandy Coal & Coke Co.	Marytown ..
672	"	Maher No. 1.....	drift	Maher Coal & Coke Co..	Marytown ..
673	"	Maher No. 2.....	drift	Maher Coal & Coke Co..	Marytown ..
674	"	Twin Branch.....	drift	Twin Branch Mining Co.	Marytown ..
675	"	J. B. B. No. 1.....	drift	Jewett, Bigelow & Brooks Collieries Co.....	Twin Branch ..
676	"	J. B. B. No. 2.....	drift	Jewett, Bigelow & Brooks Collieries Co.....	Marytown ..
677	"	J. B. B. No. 3.....	drift	Jewett, Bigelow & Brooks Collieries Co.....	Marytown ..
678	"	J. B. B. No. 4.....	drift	Jewett, Bigelow & Brooks Collieries Co.....	Marytown ..
679	"	J. B. B. No. 5.....	drift	Jewett, Bigelow & Brooks Collieries Co.....	Marytown ..
680	"	Cambridge.....	drift	Vaughan Coal & Coke Co.	Marytown ..
681	"	No. 1.....	drift	Superior-PocahontasCoal Co.....	Roderfield ..
682	"	No. 2.....	drift	Superior-PocahontasCoal Co.....	Hallsville ..
683	"	No. 3.....	drift	Superior-PocahontasCoal Co.....	Hallsville ..
684	"	<i>b</i> No. 4.....	drift	Superior-PocahontasCoal Co.....	Hallsville ..
685	"	Pando.....	drift	Pando Coal Co.....	Hallsville ..
686	"	Antier.....	3drifts	Antier Coal & Coke Co..	Pando.....
687	"	No. 1.....	shaft	United States Coal & Coke Co.....	Antier.....
688	"	No. 2.....	drift	United States Coal & Coke Co.....	Gary.....

*b*Abandoned.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation	Total Inside employees	No.
		Poca No.3				646
Wm. Leckie	W. C. Warburton	Poca No.3	9 - 0.	fan	28	647
R. S. Ord	L. B. Holliday	Poca No.3	7 - 4.	fan	186	648
S. S. Coffman	John M. Watt	Poca No.3	4 - 6.	fan	75	649
S. S. Coffman	John M. Watt	Poca No.3	4 - 6.	fan		650
J. M. Malsby	J. Campbell	Poca No.3	6 - 6.	3 fans	95	651
S. W. Patterson	Arthur Sturm	Poca No.3	6 - 0.	fan	146	652
R. Y. Luther	Thomas Wildon	Poca No.3	6 - 0.	fan	143	653
Wm. D. Ord	T. R. Barrett	Poca No.3	5 - 10.	fan	200	654
P. P. Flanagan	Muney Sexton	Poca No.3	6 - 10.	fan	105	655
L. E. Tierney	C. C. Hughes	Poca No.3	7 - 0.	fan	140	656
Percival Johnson	J. M. Shank	Poca No.3	6 - 2.	2 fans	266	657
J. K. F. Steele	G. B. Smith	Poca No.3	6 - 6.	fan	145	658
J. K. F. Steele	G. B. Smith	Poca No.3	6 - 6.	fan		659
L. E. Tierney	T. Fitzsimmons	Poca No.3	7 - 0.	fan	150	660
L. E. Tierney	Wm. Pearman	Poca No.3	8 - 0.	fan	106	661
John J. Lincoln	J. A. Grantham	Poca No.3	7 - 8.	fan	118	662
John J. Lincoln	J. A. Grantham	Poca No.3	7 - 8.	fan		663
Benj. Lewis	Chris Kershaw	Poca No.3	7 - 9.	fan	240	664
Benj. Lewis	George Guy	Poca No.3	7 - 9.	fan		665
J. R. Bailey	J. F. Terry	Poca No.3	8 - 0.	fan	106	666
J. R. Bailey	R. B. Smith	Poca No.3	8 - 0.	fan		667
E. J. McQuail	J. P. Johnson	Poca No.3	8 - 0.	fan	315	668
James F. Brophy	E. J. Flanagan	Poca No.3	5 - 0.	2 fans	35	669
D. M. Woody	John Short	Welch	4 - 0.	2 fans	110	670
D. M. Woody	C. P. Woody	Welch	4 - 0.	fan	87	671
D. M. Woody	M. J. Brogan	Welch	3 - 6.	fan	56	672
D. M. Woody	Charles Walton	Welch	3 - 6.	fan	16	673
D. M. Woody	Albert Lilly	Welch	4 - 0.	fan	81	674
D. M. Woody	J. Hall	Welch	3 - 6.	fan	39	675
D. M. Woody	M. J. Brogan	Welch	3 - 6.	fan	80	676
D. M. Woody	Charles Perkins	Welch	3 - 6.	fan	32	677
D. M. Woody	Charles Walton	Welch	3 - 6.	fan	20	678
D. M. Woody	Charles Walton	Welch	3 - 6.	fan	20	679
Matthew Hall	Walter Hall	Welch	4 - 0.	furnace	30	680
P. J. Riley	F. M. Cook	Welch	4 - 0.	furnace	112	681
P. J. Riley	Lane Hubbard	Welch	3 - 6.	furnace	25	682
P. J. Riley	Alf Thompson	Welch	3 - 4.	furnace	25	683
P. J. Riley	John Moore	Welch	4 - 0.	furnace		684
T. M. Daugherty	F. D. Knight	Welch	3 - 6.	furnace	25	685
J. A. Henchey	H. Shepherd	Welch	3 - 6.	furnace	37	686
M. McParland	J. L. Mullin & V. Taylor	{ Poca No.3 Poca No.4	{ 5 - 9 6 - 0	{ fan fan	135	687
M. Connelly	Thos. Longhran	Poca No.4	6 - 0.	fan		

*DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

No.	District.	Name of Mine.	Kind of Opening.	Name of Company.	Postoffice Address.
		<i>McDowell Co. Con.</i>			
689	Seventh....	No. 3.....	drift	United States Coal & Coke Co.	Gary.....
690	"	No. 4.....	drift	United States Coal & Coke Co.	Gary.....
691	"	No. 5.....	drift	United States Coal & Coke Co.	Gary.....
692	"	No. 6.....	drift	United States Coal & Coke Co.	Gary.....
693	"	No. 7.....	drift	United States Coal & Coke Co.	Gary.....
694	"	No. 8.....	2drifts	United States Coal & Coke Co.	Gary.....
695	"	cNo. 9.....	drift	United States Coal & Coke Co.	Gary.....
696	"	cNo. 10.....	drift	United States Coal & Coke Co.	Gary.....
697	"	cNo. 11.....	2drifts	United States Coal & Coke Co.	Gary.....
698	"	cNo. 12.....	drift	United States Coal & Coke Co.	Gary.....
699	"	Mohawk.....	drift	Mohawk Coal & Coke Co.	Mohawk.....
700	"	Welch.....	drift	Welch Coal & Coke Co.	Welch.....
701	"	Hemphill.....	drift	Hemphill Collieries Co.	Welch.....
702	"	Slick Rock.....	drift	Slick Rock Coal Co.	Welch.....
703	"	Imo.....	drift	Oregon Coal Co.	Hemphill.....
704	"	McClaren.....	drift	Oregon Coal Co.	Hemphill.....
705	"	No. 1.....	drift	Page Coal & Coke Co.	Pageton.....
706	"	No. 2.....	drift	Page Coal & Coke Co.	Pageton.....
707	"	cNo. 3.....	drift	Page Coal & Coke Co.	Pageton.....
708	"	No. 4.....	drift	Black Wolf Coal & Coke Co.	Pageton.....
709	"	No. 11.....	shaft	The Middle States Coal & Coke Co.	Olmsted.....
710	"	King.....	slope	The King Coal Co.	Vivian.....
711	"	No. 1.....	drift	Virginia-Pocahontas Coal Co.	Coalwood.....
712	"	No. 2.....	2drifts	Virginia-Pocahontas Coal Co.	Coalwood.....
713	"	No. 3.....	drift	Virginia-Pocahontas Coal Co.	Coalwood.....
714	"	No. 4.....	drift	Virginia-Pocahontas Coal Co.	Coalwood.....
715	"	No. 1.....	drift	New River & Pocahontas Consolidated Coal Co.	Berwind.....
716	"	No. 1½.....	drift	New River & Pocahontas Consolidated Coal Co.	Berwind.....
717	"	No. 2.....	drift	New River & Pocahontas Consolidated Coal Co.	Berwind.....
718	"	No. 3.....	drift	New River & Pocahontas Consolidated Coal Co.	Berwind.....
719	"	North Side.....	shaft	Dixon - Pocahontas Fuel Co.	Olmsted.....
720	"	Jed.....	shaft	Jed Coal & Coke Co.	Jed.....
721	"	Yukon.....	drift	Yukon Coal Co.	Yukon.....
722	"	County Seat.....	drift	J. H. Mitchell.....	Welch.....
		<i>Mercer County.</i>			
723	Seventh....	Mill Creek.....	2drifts	Mill Creek Coal & Coke Co.	Coopers.....
724	"	Coaldale.....	drift	Coaldale Coal & Coke Co.	
725	"	Tug River.....	drift	Coaldale Coal & Coke Co.	

cJust being developed.

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYEES.

Name of Superintend-	Name of Mine Boss.	Name of Coal Bed Worked.	Thickness. Ft. In.	Kind of Ventilation.	Total Inside Employees.	No.
F. E. King.....	M. P. Brady.....	Poca.No.4	4 - 10	fan.....	114	689
James Horn.....	John Sizemore.....	Poca.No.3	6 - 0	fan.....	139	690
James Horn.....	O. Reedy.....	Poca.No.3	7 - 0	fan.....	64	691
J. V. Rhodes.....	Mike Zurick.....	Poca.No.4	6 - 6	fan.....	153	692
A. J. Stewart.....	Geo. Castle.....	Poca.No.4	7 - 0	2 fans.....	148	693
M. H. Liston.....	R. M. Pittman & K. O. Brent.....	Poca.No.4	6 - 0	2 fans.....	83	694
M. H. Liston.....	S. P. Dellard.....	Poca.No.4	10 - 0	.....	.....	695
S. P. Reynolds.....	S. P. Reynolds.....	Poca.No.3	.....	.....	.....	696
C. C. Geiger.....	C. C. Geiger.....	Poca.No.3 & 4	.....	fan.....	.....	997
H. T. Graham.....	H. T. Graham.....	Poca.No.3	.....	.....	.....	698
W. T. Heatherman.....	D. L. Joseph.....	Welch	5 - 0	fan.....	74	699
F. J. Baxter.....	R. T. Hopkins.....	Welch	3 - 6	furnace..	33	700
F. J. Baxter.....	Wm. Spicer.....	Welch	3 - 6	furnace..	33	701
W. J. McClaren.....	J. E. Jones.....	Welch	3 - 0	furnace..	8	702
W. B. Honaker.....	S. S. Harris.....	Welch	4 - 6	fan.....	70	703
W. B. Honaker.....	Sam Fry.....	Welch	3 - 8	furnace..	14	704
Samuel Evans.....	J. A. Gallimore.....	Poca.No.3	8 - 0	fan.....	.....	705
Samuel Evans.....	J. A. Gallimore.....	Poca.No.3	8 - 0	fan.....	129	706
Samuel Evans.....	J. A. Gallimore.....	Poca.No.3	.....	.....	.....	607
E. O. Berkeley.....	E. O. Berkeley.....	Poca.No.3	6 - 0	natural..	9	708
Harry Cameron.....	James H. Cooper.....	Poca.No.4	5 - 6	fan.....	108	709
J. W. Malsby.....	W. H. Sanford.....	Poca.No.3	6 - 6	2 fans.....	40	710
John Stewart.....	J. L. Vance.....	Poca.No.3	5 - 0	fan.....	52	711
John Stewart.....	G. C. Ratliff.....	Poca.No.3	5 - 0	furnace..	40	712
John Stewart.....	T. B. Fisher.....	Poca.No.3	5 - 0	furnace..	19	713
John Stewart.....	H. H. Fisher.....	Poca.No.3	5 - 6	furnace..	35	714
Geo. P. Daniels.....	H. J. Reid.....	Poca.No.3	4 - 6	fan.....	67	715
Geo. P. Daniels.....	James Johnson.....	Poca.No.3	4 - 6	furnace..	73	716
Geo. P. Daniels.....	Lee Carter.....	Poca.No.3	4 - 6	fan.....	43	717
Geo. P. Daniels.....	O. Rhodes.....	Poca.No.3	4 - 6	furnace..	13	718
J. P. Davis.....	M. Lilly.....	Poca.No.4	5 - 4	fan.....	24	719
Geo. W. Brymer.....	P. McLinden.....	Poca.No.3	5 - 1	fan.....	16	720
H. M. Meyers.....	B. O. Cordle.....	War Creek	5 - 10	furnace..	26	721
J. H. Mitchell.....	J. H. Mitchell.....	.....	2 - 9	natural..	3	722
O. E. F. Burnley.....	M. F. Dixon.....	Poca.No.3	8 - 0	2 fans.....	156	723
O. E. F. Burnley.....	G. L. Smith.....	Poca.No.3	8 - 4	fan.....	193	724
O. E. F. Burnley.....	G. L. Smith.....	Poca.No.3	8 - 4	natural..	.....	725

*Worked in two shifts 20 men each.

*DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA
FOR THE YEAR ENDING JUNE 30TH, 1907.*

No.	District	Name of Mine.	Kind of Open- ing.	Name of Company.	Postoffice Address.
		<i>Mercer County, Con.</i>			
726	Seventh...	Buckeye	drift	Buckeye Coal & Coke Co.	Freeman.....
727	"	Caswell Elkhorn....	drift	Pocahontas Consolidated Collieries Co.....	Pocahontas, Va
728	"	Caswell Hemlock...	drift	Pocahontas Consolidated Collieries Co.	Pocahontas, Va
729	"	Booth-Bowen	drift	Booth-Bowen Coal & Coke Co.	Freeman.....
730	"	Louisville 1, 2 & 3 ...	3drifts	Louisville Coal & Coke Co	Goodwill.....
731	"	Goodwill & Baby....	2drifts	Louisville Coal & Coke Co	Goodwill.....
732	"	Pinnacle North	drift	Pinnacle Coal & Coke Co.	McComas
733	"	Pinnacle South	drift	Pinnacle Coal & Coke Co.	McComas
734	"	No. 1.....	drift	Crane Creek Coal & Coke Co.....	McComas
735	"	No. 2.....	drift	Crane Creek Coal & Coke Co.	McComas
736	"	Crystal	drift	Crystal Coal & Coke Co...	Godfrey
737	"	Thomas	drift	Thomas Coal Co.....	McComas
738	"	Weyanoke	drift	Weyanoke Coal & Coke Co	Giatto
739	"	Spring	drift	Spring Coal Mining Co...	Springton
740	"	Piedmont No. 1.....	drift	Piedmont Colliery	Widemouth ...
741	"	Wenonah No. 1.....	drift	Wenonah Coal & Coke Co	Dott
742	"	Wenonah No. 2.....	drift	Wenonah Coal & Coke Co	Dott
743	"	Hiawatha	drift	Hiawatha Coal & Coke Co	Hiawatha.....
744	"	Smokeless	drift	The Smokeless Coal & Coke Co.	Hiawatha.....
745	"	Pawama	drift	Pawama Coal & Coke Co.	Mataoka.....
746	"	Cephus.	drift	Cephus Coal Co.....	Godfrey

NAME OF SUPERINTENDENT, NAME OF MINE BOSS, SEAMS
WORKED AND THICKNESS, AND TOTAL NUMBER
OF INSIDE EMPLOYES.

Name of Superintend- dent.	Name of Mine Boss.	Name of Coal Bed Worked.	Thick- ness. Ft. In.	Kind of Ventilation.	Total inside Employees.	No
F. R. Hewitt.	J. H. Williams.....	Poca. No.3	5 - 3..	fan.....	110	726
James Ellwood Jones	Lee Odham.....	Poca. No.3	7 - 6..	fan... ..	265	727
James Ellwood Jones	Lee Odham.....	Poca. No.3	7 - 6..	fan.....		728
J. P. Bowen.....	B. F. Bray.....	Poca. No.3	7 - 6..	fan.....	102	729
Jairus Collins.....	J. W. Montgomery...	Poca. No.3	4 - 5..	fan.....	155	730
Jairus Collins.....	J. W. Montgomery...	Poca. No.3	4 - 5..	fan.....	122	731
T. O. Deanmer.....	J. L. Dewese.....	Poca. No.3	4 - 8..	fan.....		732
T. O. Deanmer.....	J. L. Dewese.....	Poca. No.3	4 - 8..	fan.....	135	733
T. O. Deanmer.....	J. H. Hughes.....	Poca. No.3	4 - 8..	fan.....		734
T. O. Deanmer.....	J. H. Hughes.....	Poca. No.3	4 - 8..	fan.....	128	735
R. R. Campbell.....	O. H. Thompson....	Poca. No.3	4 - 8..	fan.....		736
W. J. Pritchard.....	James McGinnis.....	Poca. No.3	4 - 6..	fan.....	75	737
Robt. D. Patterson...	John Woodyard.....	Poca. No.3	4 - 9..	fan.....	77	738
B. H. Montgomery...	J. H. Bragg.....	Poca. No.3	4 - 4..	fan.....	73	739
Jairus Collins.....	H. M. Morris.....	Poca. No.3	4 - 0..	fan.....	50	740
E. L. Harris.....	Ed Lucas.....	Poca. No.3	4 - 3..	fan.....	39	741
E. L. Harris.....	Ed Lucas.....	Poca. No.3	4 - 3..	furnace..		742
W. J. Elliott.....	O. H. Reid.....	Poca. No.3	5 - 0..	fan.....	40	743
O. N. Mooman.....	J. H. Shrewsbury....	Poca. No.3	4 - 6..	fan.....	28	744
J. C. Stras.....	J. W. Young.....	Poca. No.3	4 - 5..	fan.....	33	745
P. J. Vigliani.....	J. A. Harvey.....	Poca. No.3	4 - 0..	furnace...	15	746

ACCIDENTS.

TABLE SHOWING THE FATAL AND NON-FATAL ACCIDENTS IN THE STATE, BY COUNTIES, AND THEIR CAUSES,
1907.—(Continued.)

(F. Means Fatal; N. F. Means Non-Fatal.)

COUNTIES.	Fell in Chute.	Suffocation in Coal Bin.	Heart Disease.	Hoisting Engine.	Gin Pole Fell.	Boring Machine in Mine.	Struck with a Keg of Powder.	Material Fell Down Shaft.	Caught by Descending Cage.	Internal Bleeding.	Fell off Trolley.	Load of Hay going under trestle.	Falling Down.	Fell off Drum House Roof.	Flying Coal from Shot in Mine.	Explosion of Torch.	Falling Timber, Outside.	Rope Haulage.	Door Fell in Chute.	Totals.		Sum Total.
	N. F.	F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	N. F.	F.	N. F.	
Brooke.....	1																			1	9	10
Marion.....																				14	46	54
Monongalia.....																				1	5	6
Marshall.....																				2	5	10
Ohio.....																				2	5	7
Barbour.....																				8	52	60
Harrison.....	1																			12	1	13
Taylor.....																				1	1	2
Upshur.....																				1	1	2
Grant.....																				1	45	46
Mineral.....																				4	10	14
Preston.....																				2	12	14
Randolph.....																				26	49	75
Tucker.....																				132	21	153
Olney.....																				222	43	265
Fayette.....																				1	1	2
Kanawha.....																				1	1	2
Mason.....																				1	1	2
Nicholas.....																				1	1	2
Putnam.....																				1	1	2
Raleigh.....																				1	1	2
Logan.....																				1	1	2
Mingo.....																				1	1	2
McDowell.....																				1	1	2
Mercer.....																				1	1	2
Totals.....	1	1	2	1	1	1	1	1	1	1	2	1	2	1	6	1	1	3	1	1356	448	804

COMPARATIVE STATEMENT OF THE NUMBER OF MEN EMPLOYED, MEN KILLED, AND THE PRODUCTION OF COAL FROM 1883 TO 1907. (COMMERCIAL MINES.)

FOR YEAR ENDING	No. of inside employees.	No. of outside employees.	Total employees (excluding coke men)	Killed by falls of coal, slate and roof.	Killed by cars.	Killed by explosions.	Killed by other causes.	Total Killed.	Total tons of coal mined (tons of 2,240 lbs.)	Tons mined for each inside employee.	Tons mined for each person killed inside.	No. of persons killed inside for every 1,000 inside employees.	No. inside employees for every person killed inside.
December 31, 1883.	5,343	1,051	6,394	17	3	.....	.....	20	2,805,565	525	147,661	3.55	281
December 31, 1884.	4,627	1,724	6,351	16	4	3	.....	23	2,901,642	627	150,404	3.64	274
December 31, 1885.	5,486	1,806	7,292	16	2	3	.....	23	3,008,091	548	150,404	7.23	138
December 31, 1886.	6,081	1,181	7,262	4	2	30	3	48	3,213,063	528	187,394	4.26	234
From January 1, 1887 to June 30, 1888.	7,269	1,187	8,456	27	2	.....	2	31	5,809,223	799	187,394	1.41	706
June 30, 1889.	7,764	1,242	9,006	9	.....	.....	4	13	4,566,859	588	235,168	2.61	382
June 30, 1890.	9,173	2,324	11,497	21	2	2	2	27	5,643,946	615	235,168	2.78	350
June 30, 1891.	10,434	2,589	13,023	22	4	4	5	36	7,281,430	630	251,084	2.90	336
June 30, 1892.	11,776	2,118	13,894	27	6	2	1	36	7,777,570	660	222,216	4.71	212
June 30, 1893.	14,204	1,086	15,290	54	8	5	5	72	9,758,054	686	145,042	4.73	211
June 30, 1894.	15,682	1,902	17,584	49	6	.....	4	59	9,428,065	601	171,419	2.86	349
June 30, 1895.	15,692	1,896	18,588	51	12	12	8	83	9,874,069	591	124,988	3.51	284
June 30, 1896.	20,237	1,814	22,051	48	8	1	6	62	11,937,468	589	205,818	4.08	244
June 30, 1897.	17,069	2,047	19,116	47	7	2	6	87	11,571,900	678	192,865	4.02	248
June 30, 1898.	18,592	2,740	21,332	67	12	2	8	89	14,154,865	761	186,248	4.70	164
June 30, 1899.	19,634	2,461	22,095	64	13	4	8	141	16,100,150	820	203,799	6.09	164
June 30, 1900.	21,820	2,815	24,635	61	15	57	8	130	18,736,911	858	140,879	4.52	207
June 30, 1901.	25,698	3,467	29,165	76	20	29	5	120	20,113,391	836	166,247	3.96	252
June 30, 1902.	27,720	4,023	31,743	79	19	32	11	159	23,179,083	846	210,718	3.38	295
June 30, 1903.	30,450	5,151	35,601	96	23	12	12	140	22,738,698	788	218,006	4.41	227
June 30, 1904.	36,316	4,981	41,297	95	23	39	22	194	26,814,715	738	177,972	6.11	163
June 30, 1905.	39,903	5,875	45,778	105	28	114	29	268	31,323,029	910	148,894	7.34	133
June 30, 1906.	40,865	6,531	47,396	99	26	139	20	356	37,223,474	903	123,026	4.53	220
June 30, 1907.	44,147	7,309	51,456	139	38	159	20	356	39,860,311	756	166,982	4.53	220
Totals	456,997	69,412	526,409	1,272	281	526	179	2,258	345,819,232	756	166,982	4.53	220

*Accidents for 2nd District only. No report for 1st District.

**FATAL ACCIDENTS, BY CAUSES, IN WEST VIRGINIA, 1883 TO 1907,
INCLUSIVE.**

CAUSES.	Year ending Dec. 31.				Jan. 1, 1887 to June 30, 1888.	Year ending June 30th.																	Total	Per cent- age.			
	1883	1884*	1885	1886		1889	1890†	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905			1906	1907	
Falls of roof, coal, etc.	17	..	16	4	27	9	21	32	27	54	49	51	48	47	67	64	61	76	79	96	95	105	99	139	1,272	56.33	
Cars.....	3	..	4	2	..	2	2	4	6	8	6	12	8	7	12	13	15	20	23	19	23	28	26	38	281	12.44	
Explosions	..	..	3	39	..	..	..	5	2	5	..	12	1	2	2	4	57	29	7	32	12	39	114	159	526	23.30
Other.....	3	..	2	4	2	5	1	5	4	8	8	6	6	8	8	5	11	12	10	22	29	20	179	7.93
Totals.....	20	..	23	48	31	13	27	36	36	72	59	83	65	62	87	89	141	130	120	159	140	194	268	356	2,258	100.00	

*No Report.

†No Report for 1st mining district.

**FATAL ACCIDENTS, INSIDE AND OUTSIDE, FROM 1883 TO 1892,
INCLUSIVE.**

Inside.

CAUSES.	1883	1884	1885	1886	*1887-88	1889	1890	1891	1892	Totals.	Percent- age.
Falls of coal, slate and roof.....	17	..	16	4	27	9	21	32	27	143	67.14
Mine cars.....	3	..	4	2	..	2	2	4	6	14	6.57
Explosions of gas.....	..	..	3	39	..	..	..	..	..	47	22.07
Explosions of powder, dust and blasts.....	..	..	..	..	..	..	2	1	1	4	1.87
Locomotives.....	..	..	..	..	..	..	..	..	..	..	..
Miscellaneous.....	..	..	..	..	..	..	..	..	1	5	2.35
Totals.....	19	..	20	44	31	11	24	29	35	213	100.00

Outside.

CAUSES.	1883	1884	1885	1886	*1887-88	1889	1890	1891	1892	Totals.	Percent- age.
Cars.....	1	..	3	1	..	..	1	2	1	9	42.86
Locomotives.....	..	no r'p't.	..	..	..	..	1	..	..	2	9.52
Miscellaneous.....	..	..	..	..	..	..	2	5	..	10	47.62
Totals.....	1	..	3	4	..	2	3	7	1	121	100.00

*The accidents are for the 18 months from January 1st, 1887 to June 30, 1888.

†Accidents reported for 2nd District only.

FATAL ACCIDENTS, INSIDE AND OUTSIDE, 1893 TO 1902, INCLUSIVE.

Inside.

CAUSES.	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	Totals.	Percent- age.
Falls of coal, roof and slate.....	54	49	51	48	47	67	64	61	76	79	596	71.12
Mine cars.....	5	4	9	4	6	6	7	11	11	13	76	9.07
Explosions of gas.....						1		50	10		61	7.28
Explosions of powder, dust and shots.....	5		15	1	2	1	4	6	19	7	60	7.16
Mules.....			1						1		2	.24
Mine machines.....	1								1		2	.24
Motors.....								1			1	.12
Locomotives.....			1		2	1		2	1		3	.84
Miscellaneous.....	2		2	5	3		4	2	2	11	33	3.93
Totals.....	67	55	79	58	60	76	79	133	121	110	838	100.0

Outside.

CAUSES.	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	Totals.	Percent- age.
Cars.....	5	2	3	5	2	9	6	7	9	10	58	82.86
Machinery.....						1	1				2	2.86
Boiler Explosions.....								1			1	1.42
Locomotives.....			1			1					2	2.86
Miscellaneous.....	2		2		1	2					7	10.00
Totals.....	5	4	4	7	2	11	10	8	9	10	70	100.0

FATAL ACCIDENTS, INSIDE AND OUTSIDE, 1903 TO 1907, INCLUSIVE.

Inside.

CAUSES.	1903	1904	1905	1906	1907	Totals.	Percent- age.
Falls of coal, roof and slate.....	96	95	105	99	139	534	52.35
Mine cars.....	12	12	18	16	20	78	7.65
Explosions of gas.....	24	3	1	4	29	61	5.98
Explosions of gas and dust.....				23	101	124	12.15
Explosions of dust, powder and shots.....	8	9	38	86	17	158	15.51
Mules.....	1		1	1		3	.29
Mine machines.....	1		1	1		3	.29
Motors.....			3	5	4	12	1.17
Locomotives.....	1	1		1	1	4	.39
Miscellaneous.....	4	3	9	14	13	43	4.22
Totals.....	147	123	176	250	324	1020	100.00

Outside.

CAUSES.	1903	1904	1905	1906	1907	Totals.	Percent- age.
Cars.....	7	11	10	10	18	56	57.73
Machinery.....		1		1		2	2.06
Locomotives.....	2	1			1	4	4.13
Miscellaneous.....	3	4	8	7	13	35	36.08
Totals.....	12	17	18	18	32	97	100.00

TABLE SHOWING THE NUMBER OF PERSONS KILLED INSIDE, PER
1,000 INSIDE EMPLOYEES IN COAL MINES IN THE STATES
OF PENNSYLVANIA, ILLINOIS, OHIO AND WEST
VIRGINIA FOR THE
Year 1906.

STATES.	Total No. of inside Employee	Total No. of inside Fatal Acci- dents.	No. of Lives lost per 1,000 inside Employees.
Pennsylvania Anthracite.....	114,998	456	3.97
Pennsylvania Bituminous.	141,862	455	3.21
Illinois.....	56,024	147	2.62
Ohio.....	41,906	127	3.03
West Virginia.....	40,865	250	6.11

Year 1907.

WEST VIRGINIA.	44,147	324	7.34
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LIVES LOST INSIDE, NO. OF INSIDE EMPLOYEES AND TONNAGE
MINED FOR EACH LIFE LOST INSIDE—1907.

COUNTY.	No. of Lives Lost Inside the Mine.	Lives Lost Inside of Mine, per 1,000 Employees.	Tons of Coal Produc- ed per each Life Lost Inside of Mine.	Tons of Coal Produc- ed per each Inside Employee.	Total Tons of Coal Produced.	Total Inside Em- ployes.
Brooke	1	1.73	526,997	915	526,997	576
Hancock				1,072	78,280	73
Marion	13	4.40	278,443	1,225	3,619,764	2,954
Monongalia				865	292,596	368
Marshall	5	9.04	112,085	1,013	560,427	553
Ohio	2	6.96	45,450	475	136,350	287
Barbour				923	776,245	841
Gilmer				63	312	5
Harrison	7	2.45	477,619	1,173	3,343,319	2,850
Lewis				325	5,528	17
Taylor	1	2.40	416,138	1,000	416,138	416
Upshur	12	155.84	3,292	513	39,502	77
Grant				1,113	271,542	244
Mineral				923	607,172	658
Preston	3	2.31	359,897	833	1,079,692	1,296
Randolph	2	4.77	304,690	1,454	609,380	419
Tucker	26	26.15	38,662	1,011	1,005,219	994
Braxton				845	55,774	66
Clay				574	60,252	105
Fayette	126	13.48	57,748	779	7,277,297	9,346
Kanawha	20	3.22	231,305	743	4,626,101	6,210
Mason	1	4.44	93,211	414	93,211	225
Nicholas	1	6.32	57,412	489	57,412	158
Putnam	1	1.23	401,413	495	401,413	811
Greenbrier				1,278	31,978	25
Raleigh	7	4.67	157,809	798	1,104,676	1,497
Lincoln				549	17,589	32
Logan	5	5.28	148,121	770	740,607	947
Mingo	9	2.91	207,555	812	1,867,100	2,299
Wayne				720	25,217	35
McDowell	71	8.91	114,418	1,019	8,123,699	7,967
Mercer	11	6.12	182,683	1,118	2,009,522	1,796
For the State.....	324	7.34	123,026	903	39,860,311	44,147

TABLE SHOWING THE NUMBER KILLED INSIDE OF THE MINES BY FALLS PER EACH 1,000 PERSONS EMPLOYED INSIDE OF THE MINES IN THE STATES OF OHIO, ILLINOIS, PENNSYLVANIA AND WEST VIRGINIA, FROM 1897 TO 1906, INCLUSIVE.

YEARS.	Ratio Killed by Falls of Coal, Slate and Roof per 1000 Inside Employees.				
	Ohio.	Illinois.	Pennsylvania.		West Virginia.
			Bitumi- nous Mines.	Anthra- cite Mines.	
1897.....	1.07	1.52	1.50	2.13	2.75
1898.....	1.47	1.36	1.92	2.04	3.60
1899.....	1.52	1.54	2.18	2.45	3.26
1900.....	1.52	1.44	1.79	1.86	2.79
1901.....	1.38	1.43	1.95	2.29	2.95
1902.....	1.59	1.42	2.02	1.18	2.90
1903.....	2.13	1.65	1.92	2.05	3.15
1904.....	2.26	1.32	1.83	2.16	2.61
1905.....	1.98	1.49	2.19	2.53	2.62
1906.....	1.91	1.49	2.15	1.86	2.42
Averages	1.68	1.46	1.94	2.05	2.90
1907.....					3.15

DETAIL OF LIVES LOST PER TONS OF PRODUCTION.

No. of mines where fatal accidents occurred.....	144
No. of lives lost	356
No. of mines where fatal accidents occurred inside.....	131
No. of lives lost inside	324
No. of men employed inside mines where fatal accidents occurred inside	13,843
No. of tons of coal produced where fatal accidents occurred in- side	13,836,562
Tons of coal produced, per each life lost, in mines where fatal accidents occurred inside	42,705
Tons of coal produced per each life lost in State, all mines and tonnage included	112,473

TABLE SHOWING THE NATIONALITIES OF PERSONS KILLED, AND CAUSES OF FATAL ACCIDENTS AT THE MINES FOR THE YEARS 1906 AND 1907.

NATIONALITIES.	1906													1907												
	Causes.													Causes.												
	Inside.						Outside.							Inside.						Outside.						
	Falls of coal, slate and roof.	Mine cars.	Explosions of gas.	Explosions of powder, dust, dynamite and shots.	Explosions of gas and dust.	Mules.	Miscellaneous.	Total number killed inside.	Cars.	Machinery.	Miscellaneous.	Total number killed outside.	Falls of coal, slate and roof.	Mine cars.	Explosions of gas.	Explosions of powder, dust, dynamite and shots.	Explosions of gas and dust.	Mules.	Miscellaneous.	Total number killed inside.	Cars.	Machinery.	Miscellaneous.	Total number killed outside.	Total number killed inside and outside.	
American.....	33	7	1	25	11	1	14	18	4	1	3	8	89	46	21	3	6	45	7	119	6	4	10	129		
Negro.....	15	5	1	25	11	2	59	63	3	1	4	4	63	32	33	2	1	19	5	62	3	6	9	71		
Italian.....	10	1	1	13	1	1	1	23	1	2	3	3	29	19	21	2	7	1	4	45	8	3	11	56		
Hungarian.....	13	1	1	1	2	2	19	20	1	1	1	1	20	9	1	1	1	18	1	29	1	1	1	30		
Polish.....	7	1	1	5	1	13	13	14	1	1	1	1	14	9	9	6	1	1	10	10	1	1	1	10		
Lithuanian.....	4	1	1	13	5	1	4	9	1	1	1	1	9	2	2	6	13	1	13	8	1	1	1	8		
English.....	3	3	1	3	4	1	4	9	4	4	4	4	9	4	9	1	1	1	1	13	1	1	1	12		
Slavish.....	3	3	1	3	4	1	4	3	1	1	1	1	3	1	1	1	1	1	1	13	1	1	1	12		
Danish.....	2	2	1	3	4	1	3	3	1	1	1	1	3	1	1	1	1	1	1	6	1	1	1	6		
Welsh.....	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1		
Austrian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Australian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Russian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Rumanian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Georgian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Serbian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Latvian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Swedish.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Greek.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Syrian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Roumanian.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Irish.....	7	7	1	1	1	1	9	10	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1		
Unknown.....	99	16	4	86	23	1	21	250	10	1	7	18	238	139	20	20	17	101	18	18	324	18	14	32	356	
Totals.....	99	16	4	86	23	1	21	250	10	1	7	18	238	139	20	20	17	101	18	18	324	18	14	32	356	

NATIONALITIES OF PERSONS KILLED AND INJURED—1907.

NATIONALITIES.	Fatal	Non-fatal	Totals
American.....	129	203	332
Negro.....	71	62	133
Italian.....	56	80	136
Hungarian.....	30	17	47
Polish.....	10	18	28
Lithuanian.....	8	6	14
English.....	15	2	17
Slavish.....	12	18	30
Welsh.....	1	2	3
Austrian.....	6	14	20
Russian.....		5	5
German.....	11	9	20
Swedish.....		2	2
Greek.....		1	1
Irish.....	2	5	7
Syrian.....	3		3
Japanese.....		1	1
Roumanian.....	1		1
Prussian.....		1	1
Unknown.....	1	2	3
Totals.....	356	448	804

AGES OF PERSONS KILLED AND INJURED—1907.

AGES.	Fatal	Non-fatal	Totals
14 years or younger.....	3	7	10
15 ".....	4	11	15
16 ".....	4	9	13
17 ".....	8	14	22
18 ".....	6	11	17
19 ".....	11	18	29
20 ".....	7	24	31
20 " to 25 years, including 25.....	56	99	155
25 " " 30 ".....	64	90	154
30 " " 35 ".....	34	45	79
35 " " 40 ".....	22	47	69
40 " " 45 ".....	18	24	42
45 " " 50 ".....	9	17	26
50 " " 55 ".....	4	9	13
55 " " 60 ".....	2	7	9
60 " " 65 ".....	1	3	4
Unknown.....	103	13	116
Totals.....	356	448	804

TERMS OF EXPERIENCE OF PERSONS KILLED AND INJURED AT THE WEST VIRGINIA COAL MINES, 1901 TO 1907, INCLUSIVE.

LENGTH OF EXPERIENCE.	1901		1902		1903		1904		1905		1906		1907		Sum Totals.
	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	Fatal.	Non-Fatal.	
3 months or less.....	18	30	48	44	70	15	28	43	26	34	24	27	20	48	384
Over 3 mo. and including 6 months	6	13	19	17	26	8	15	23	18	18	9	20	16	22	38
12	13	20	33	43	52	15	25	40	11	26	20	36	23	63	178
2 years.....	8	16	24	14	15	30	14	33	28	31	35	24	20	55	247
3	4	7	11	12	18	4	14	22	25	19	26	32	17	39	234
4	4	7	11	18	18	8	14	22	25	19	26	32	17	39	226
5	4	7	11	18	18	8	14	22	25	19	26	32	17	39	226
6	3	10	13	12	15	27	9	13	12	14	16	19	14	20	165
7	3	10	13	12	15	27	9	13	12	14	16	19	14	20	167
8	2	2	4	3	3	6	3	6	3	9	11	6	12	19	102
9	4	3	7	8	6	7	3	9	3	7	3	4	7	12	49
10	4	3	7	8	10	1	3	6	4	7	8	19	1	8	69
Over 10 yrs. and including 15 yrs....	6	1	7	5	14	1	4	6	14	9	10	13	14	11	21
15	7	8	15	10	15	5	6	11	10	8	11	8	19	7	125
20	3	1	4	2	9	3	5	12	6	8	11	9	16	17	112
25	1	2	3	2	4	9	3	6	4	7	7	9	10	9	91
30	1	2	3	2	2	2	3	3	2	2	2	4	6	6	38
35	1	2	3	2	2	2	2	2	2	2	2	2	2	2	20
40	1	2	3	2	2	2	2	2	2	2	1	2	2	2	8
45	1	2	3	2	2	2	2	2	2	1	1	1	3	1	15
50	1	2	3	2	2	2	2	2	2	1	2	1	3	1	15
Several years.....	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1
Many years.....	6	5	11	7	21	8	6	14	11	11	12	10	22	15	101
Always.....	3	3	6	4	4	4	2	6	1	2	3	3	1	3	26
Unknown.....	39	28	67	64	45	27	25	52	16	31	50	52	174	62	21
Totals.....	130	180	310	359	382	140	211	351	194	250	268	299	356	448	3,217

TABLE EXHIBITING THE CAUSES OF FATAL AND NON-FATAL ACCIDENTS, AND THE NUMBER AND PERCENTAGE BY EACH CAUSE—1907.

CAUSES.	Fatal.	Non-fatal.	Totals.	Percentage.
Falls of slate.....	105	105	210	26.12
Falls of coal.....	17	45	62	7.72
Falls of roof.....	17	40	57	7.10
Mine cars.....	27	134	161	20.02
Explosions of gas.....	29	3	32	3.98
Explosions of powder.....	25	17	42	5.23
Explosion of gas & dust.....	101		101	12.56
Explosion of dynamite.....		3	3	.38
Premature explosions.....	1	28	29	3.62
Blown through shots.....	2		2	.25
Blown out shots.....	1	11	12	1.50
Electric motor.....	4	8	12	1.50
Electrocuted.....	5		5	.62
Electric wires.....		2	2	.25
Fell down shaft.....	5		5	.62
Animals.....		5	5	.62
Mining Machines.....		13	13	1.62
Railroad cars.....	6	8	14	1.74
Mine locomotive.....	1		1	.12
Mine pump.....		4	4	.50
Compressed air.....	1		1	.12
Road wagon.....	1	1	2	.25
Fell in chute.....	1		1	.12
Suffocation in coal bin.....	1		1	.12
Heart disease.....	2		2	.25
Hoisting engine drum.....	1		1	.12
Gin pole fell.....	1		1	.12
Boring machine in mine.....		1	1	.12
Struck by keg of powder.....		1	1	.12
Material fell down shaft.....		1	1	.12
Caught by descending cage.....	1		1	.12
Internal Bleeding.....	1		1	.12
Fell off tippie.....		2	2	.25
Caught between hay and trestle.....		1	1	.12
Falling down.....		2	2	.25
Fell off drum house roof.....		1	1	.12
Flying coal in mine.....		6	6	.75
Explosion of torch.....		1	1	.12
Falling timber, (outside).....		1	1	.12
Rope haulage.....		3	3	.38
Door in chute.....		1	1	.12
Totals.....	356	448	804	100.00

TABLE SHOWING NUMBER OF FATAL AND NON-FATAL ACCIDENTS, INSIDE AND OUTSIDE, AND NUMBER OF PERSONS KILLED AND INJURED—1907.

Fatal Accidents.

	No. of Accidents.	No. of Persons Killed.
Inside.....	177	324
Outside.....	22	32
Totals.....	199	356

Non-Fatal Accidents.

	No. of Accidents.	No. of Persons Injured.
Inside.....	326	430
Outside.....	18	18
Totals.....	344	448

*ACCIDENTS TABULATED ACCORDING TO THE DAYS OF THE WEEK
ON WHICH THEY OCCURRED—1907.*

Fatal Accidents.

	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	Totals.
Inside	1	62	113	42	28	42	36	324
Outside		11	4	1	5	2	3	32
Totals	1	73	117	43	33	50	39	356

Non-Fatal Accidents.

	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	Totals.
Inside	7	27	64	76	71	70	55	430
Outside		5	5	3	12	12	1	18
Totals	7	32	69	79	83	82	56	448

Summary of Fatal and Non-Fatal Accidents.

	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	Totals.
Inside	8	149	177	118	99	112	91	754
Outside		16	9	4	17	10	4	50
Totals	8	165	186	122	106	122	95	804

*LIST OF ACCIDENTS IN WHICH MORE THAN ONE PERSON WAS
KILLED.—1907*

COUNTY.	NAME OF MINE	DATE OF ACCIDENT	NO. PERSONS KILLED.	CAUSE.
Upshur.....	Penco.....	Jan. 28, 1907.....	12	Explosion of powder.
Tucker.....	Thomas No. 25....	Feb. 4, 1907.....	25	Explosion of gas.
Fayette.....	Stuart Shaft.....	Jan. 29, 1907.....	85	Explosion of gas and dust.
".....	Whipple Shaft....	May 1, 1907.....	16	Explosion of gas and dust.
Kanawha.....	Ruby.....	June 25, 1907....	2	Mine Cars (out- side)
Logan.....	*Yuma.....	Feb. 16, 1907.....	2	Blown out shot
McDowell.....	Keystone.....	July 2, 1906.....	4	Explosion of gas
".....	Dixon-Pocahontas	July 19, 1906....	4	Fell down shaft
".....	Cambridge.....	Oct. 20, 1906....	2	Fall of slate
".....	Pulaski.....	Dec. 14, 1906....	6	Explosion of powder (outside)
".....	Peerless.....	Dec. 21, 1906....	2	Fall of slate
".....	Berwind No 1.....	Feb. 2, 1907.....	2	Fall of sand rock
".....	Gillian.....	Apr. 15, 1907....	5	Explosion of powder (outside)
Mercer.....	Mill Creek.....	July 6, 1906.....	3	Fall of coal and slate
".....	Weyanoke.....	June 15, 1907....	2	Fall of rock
			172	

*In this accident two men were non-fatally burned also

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

No.	NAME OF MINE.	Name of Person Killed.	Date of		Nationality.	Length of Experience.	Age.	Occupation.	Married or Single.	Widow.	Children.	Total No. Dependents.	Insurance Amount.	How Killed.	Inquest.
			Injury	Death											
1	<i>Brooke County.</i> Beech Bottom No. 1.	Steve Orost.....	7-27 '06	7-27 '06	Hungarian	7 yrs	28	Miner.....	M.	yes	3	4	\$.....	Fall of coal.....	no.
2	<i>Marion County.</i> Montana.....	John Szaskovle.....	7-17 '06	7-17 '06	Slavish	.....	19	Miner.....	S.	yes	.....	.....	.....	Electrocuted.....	no.
3	Monongah No. 5.....	Simon Shultz.....	7-26 '06	7-26 '06	Lithuanian	15 yrs.	45	Miner.....	S.	yes	.....	.....	.....	Fall of rock.....	no.
4	Gaston.....	Salvatore Marra.....	9-20 '06	9-20 '06	Italian	6 yrs.	28	Miner.....	S.	yes	.....	.....	.....	Electrocuted.....	no.
5	Hutchinson.....	Sandro Reeves.....	10-19 '06	10-19 '06	Hungarian	2 yrs.	23	Miner.....	M.	yes	1	1	.....	Caught bet. car & rib.....	no.
6	Federal Shaft.....	Robert Dunn.....	10-19 '06	11-2 '06	American	.....	40	Machinist.....	M.	no.	1	.....	.....	Compr'd air inhaled under pressure.....	no.
7	Federal Shaft.....	Lark Hawkinberry.....	11-3 '06	11-3 '06	American	36 yrs.	51	Miner.....	M.	yes	8	9	.....	Fell from cage to bottom of shaft.....	no.
8	Anderson.....	John Urah.....	11-8 '06	11-8 '06	Polish	1 yr.	34	Miner.....	M.	yes	2	3	.....	Fall of slate.....	no.
9	Monongah No. 6.....	Andrew Filkan.....	11-9 '06	11-9 '06	Slavish	5 yrs.	32	Miner.....	S.	yes	.....	.....	.....	Fall of slate.....	no.
10	King.....	Martin L. Summers.....	11-13 '06	11-13 '06	American	12 yrs.	27	Mule Driver.....	M.	yes	2	3	.....	Caught bet. rib & car.....	no.
11	New England.....	W. T. Croy.....	12-24 '06	12-24 '06	American	6 yrs.	49	Teamster.....	M.	yes	2	2	.....	Run over by 2 wheels of a wagon-outside.....	no.
12	Middleton.....	Thomas McCauley.....	4-26 '07	4-26 '07	Polish	23 mo.	22	Miner.....	S.	.....	.....	.....	.....	Fall of coal.....	no.
13	New England.....	Alonzo Hart.....	5-3 '07	5-3 '07	American	9 yrs.	29	Brakeman.....	M.	yes	3	4	.....	Mine cars—inside.....	no.
14	Hutchinson.....	Tony Matza.....	6-1 '07	6-1 '07	Italian	5 mos.	19	Miner.....	S.	.....	.....	.....	.....	Fall of slate.....	no.
15	Chatham Shaft No. 1.....	Charles M. Roy.....	6-14 '07	6-14 '07	American	.....	24	Machine Runner.....	S.	.....	.....	.....	.....	Fall of slate.....	no.
16	<i>Monongalia County.</i> Elkins No. 5.....	Vincenese Calio.....	3-23 '07	4-5 '07	Italian	.....	23	Not employed in Mine.....	S.	.....	.....	.....	.....	Run over by R. road car coal.....	no.
17	<i>Marshall County.</i> Henderson.....	Andy Felock.....	10-11 '06	10-11 '06	Polish	.....	54	Miner.....	M.	yes	2	3	.....	Fall of slate.....	no.
18	Glendale Shaft.....	Andy Oreb.....	12-17 '06	12-17 '06	Slavish	1 year.	19	Miner.....	S.	.....	.....	.....	75.00	Fall of stone.....	no.
19	Hitchman.....	John Nimic.....	1-24 '07	1-26 '07	Polish	.....	50	Louder.....	M.	yes	3	4	.....	Mine cars.....	no.
20	Glendale Shaft.....	Michael Rednack.....	2-1 '07	2-1 '07	Polish	.....	35	Louder.....	M.	yes	2	2	.....	Fall of stone.....	no.
21	Benwood.....	Oliver Ushman.....	5-13 '07	5-13 '07	American	Many.	51	Miner.....	M.	no.	.....	.....	.....	Fall of stone.....	no.
22	<i>Ohio County.</i> Elm Grove Shaft.....	Valentine Marcinek.....	4-29 '07	4-29 '07	German	.....	26	Miner.....	S.	.....	.....	.....	.....	Electrocuted.....	no.
23	Richland.....	Frank August.....	5-3 '07	5-3 '07	Polish	1 yr.	38	Miner.....	M.	yes	3	4	75.00	Fall of slate.....	no.
24	<i>Harrison County.</i> Perry.....	Andrea Fizeña.....	10-24 '06	10-24 '06	Italian	2 mo.	28	Miner.....	S.	.....	.....	.....	.....	Caught bet. car & rib.....	no.

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

No.	NAME OF MINE	Name of Person Killed.	Date of		National-ity,	Length of Experience	Age	Occupation.	Married or Single	Widow	Children	Total No. Dependents	Insurance Amount	How Killed	Inquest.
			Injury.	Death.											
Tucker Co.—Con															
59	Thomas No. 25	Joseph Arcari	4-9-07	4-9-07	Italian	5 yrs.	26	Miner	M.	Yes	3	4	200.00	Explosion of gas	Yes
60	"	Adam Bernuda	4-9-07	4-9-07	Italian	5 yrs.	40	Cutter	M.	Yes	3	4	200.00	"	"
61	"	Constantine Karolis	4-9-07	4-9-07	Italian	2 yrs.	35	Scraper	M.	Yes	3	4	200.00	"	"
62	"	John Sabawsky	4-9-07	4-9-07	Italian	3 mo.	24	Cutter	M.	Yes	1	1	200.00	"	"
63	"	Frank Polowicz	4-9-07	4-9-07	Italian	3 yrs.	21	Miner	M.	Yes	12	3	200.00	"	"
64	"	John Serpone	4-9-07	4-9-07	Italian	3 yrs.	28	Miner	M.	Yes	3	4	200.00	"	"
65	"	Ernest Benvenuto	4-9-07	4-9-07	Italian	3 yrs.	17	Miner	M.	Yes	3	4	200.00	"	"
66	"	Harry Lasrappo	4-9-07	4-9-07	Italian	48	Miner	M.	Yes	3	4	200.00	"	"	
67	"	Frank Perrin	4-9-07	4-9-07	Italian	19	Miner	M.	Yes	3	4	200.00	"	"	
68	"	Ralph Bandeen	4-9-07	4-9-07	Italian	2 yrs.	20	Miner	M.	Yes	3	4	200.00	"	"
69	"	P. Donzelas (Douglas)	4-9-07	4-9-07	Italian	2 yrs.	20	Miner	M.	Yes	3	4	200.00	"	"
70	"	Sullivan Liberatori	4-9-07	4-9-07	Italian	3 yrs.	20	Miner	M.	Yes	3	4	200.00	"	"
71	"	John Searpout	4-9-07	4-9-07	Italian	3 yrs.	20	Miner	M.	Yes	3	4	200.00	"	"
72	"	Tony Searpout	4-9-07	4-9-07	Italian	3 yrs.	17	Miner	M.	Yes	3	4	200.00	"	"
73	"	V. (James) Battico	4-9-07	4-9-07	Italian	36	Miner	M.	Yes	3	4	200.00	"	"	
74	"	Chas. Pampinto	4-9-07	4-9-07	Italian	25 yrs.	65	Supl.	M.	Yes	3	4	200.00	"	"
75	"	Pelix Italian	4-9-07	4-9-07	Welsh	2 yrs.	26	Miner	M.	Yes	3	4	201.00	Fall of slate	No
76	"	Daniel R. Jones	4-9-07	4-9-07	Welsh	2 yrs.	26	Miner	M.	Yes	3	4	201.00	Fall of slate	No
77	"	William Belchunis	3-5-07	3-5-07	Italian	2 yrs.	26	Miner	M.	Yes	3	4	201.00	Fall of slate	No
Fayette County.															
78	Echo	John Tucker	7-9-06	7-9-06	Negro	10 yrs.	26	Miner	M.	Yes	1	1	...	Fall of slate	No
79	Fire Creek	Napoleon Minnis	7-12-06	7-12-06	Negro	3 yrs.	25	Miner	M.	Yes	1	1	...	Mine cars (outside)	No
80	Boomer No. 2 North	Joe Sparte	7-13-06	7-13-06	Italian	3 mo.	30	Miner	M.	Yes	1	1	...	Fall of slate	No
81	Buffalo	Noe Pietro	7-31-06	7-31-06	Italian	3 yrs.	26	Miner	M.	Yes	1	1	...	Mine cars (outside)	No
82	Edgerton	Chas. Guarant	8-6-06	8-6-06	Negro	3 yrs.	26	Miner	M.	Yes	1	1	...	Fall of slate	No
83	Edgewater No. 2	Ed Layton	8-8-06	8-8-06	American	5 yrs.	18	Motor help.	M.	Yes	1	1	50.00	Fall of slate	No
84	Echo	John Huffman	8-8-06	8-8-06	German	5 mo.	22	Miner	M.	Yes	1	1	...	Fall of slate	No
85	Boomer No. 2 North	Henry Springer	8-13-06	8-13-06	American	3 mo.	36	Miner	M.	Yes	1	1	...	Electrocuted	No
86	Edgerton	Ambus Green	9-8-06	9-8-06	American	8 mo.	24	Miner	M.	Yes	1	1	...	Fall of coal	No
87	Kilsyth	James Sezzi	9-11-06	9-11-06	Italian	3 yrs.	32	Miner	M.	Yes	1	1	...	Heart disease	No
88	Kilsyth	James Corn	9-13-06	9-13-06	Negro	3 yrs.	45	Miner	M.	Yes	1	1	...	Struck by piece mine car (outside)	No
89	Meadow Fork	W. W. Thomas	10-5-06	10-5-06	American	32	Secretary	M.	Yes	3	4	...	"	No	
90	Minden No. 5	Joseph Ollie	10-10-06	10-10-06	Syrian	35	Miner	M.	Yes	5	6	...	Fall of slate	No	
91	Minden No. 2	Charles Zetzo	10-29-06	10-29-06	Polish	32	Miner	M.	Yes	3	4	100.00	Fall of slate	No	
92	Ansted	Cologero Romano	11-23-06	11-23-06	Italian	10	Miner	M.	Yes	1	1	...	Fall of slate	No	
93	Bureka No. 13	Noah Johnson	11-24-06	11-24-06	Negro	5 yrs.	Engineer	M.	Yes	1	1	...	Head split by cross head or drum	No	

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

No.	NAME OF MINE	Name of Person Killed.	Date of		National-ity.	Length of Experience.	Age.	Occupation.	Married or Single.	Widow.	Children.	Total No. of Dependents.	Insurance & amount.	How Killed.		Inquest.
			Injury.	Death.										Exp. of gas & dust.	yes	
141	<i>Fayette Co.—Con.</i>	Alexander Turner	1-29 '07	1-29 '07	Negro...			Laborer	x							
142	Stuart Shaft	Henry Ross	1-29 '07	1-29 '07	Negro...			Miner	x							
143	"	Arthur Thomas	1-29 '07	1-29 '07	Negro...			Laborer	x							
144	"	Robt. McIntire	1-29 '07	1-29 '07	Negro...			Laborer	x	yes						
145	"	Thomas Estus	1-29 '07	1-29 '07	Negro...			Miner	x	yes	1					
146	"	Isiah Fitz	1-29 '07	1-29 '07	Negro...			Miner	x							
147	"	Daird Fitz	1-29 '07	1-29 '07	Negro...			Miner	x							
148	"	Enos Banks	1-29 '07	1-29 '07	Negro...			Laborer	x	yes	1					
149	"	Gay Bryant	1-29 '07	1-29 '07	Negro...			Laborer	x							
150	"	Wilson Boone	1-29 '07	1-29 '07	Negro...			Laborer	x	yes	1					
151	"	Whit Bushnell	1-29 '07	1-29 '07	Negro...			Laborer	x							
152	"	Paul Jones	1-29 '07	1-29 '07	Negro...			Laborer	x	yes	1					
153	"	Charlie Kwak	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
154	"	John Kalisz	1-29 '07	1-29 '07	Hungar'n			Miner	x							
155	"	Joe Baar	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
156	"	Stephen Sedor	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
157	"	Frank Puloski	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
158	"	Thomas Zuel	1-29 '07	1-29 '07	Hungar'n			Miner	x	yes	1					
159	"	Sorenz Grabin	1-29 '07	1-29 '07	Hungar'n			Miner	x							
160	"	Andrew Kwak	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
161	"	John Kwak	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
162	"	Bela Bendjison	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
163	"	Michael Nydzyn	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
164	"	James Khamak	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
165	"	William Nakusok	1-29 '07	1-29 '07	Hungar'n			Miner	x							
166	"	Stanley Polans	1-29 '07	1-29 '07	Hungar'n			Laborer	x	yes	1					
167	"	Stanley Schemowsky	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
168	"	Andrew Sosnuck	1-29 '07	1-29 '07	Hungar'n			Laborer	x	yes	1					
169	"	John Foy	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
170	"	Mike Kryszczka	1-29 '07	1-29 '07	Hungar'n			Laborer	x							
171	"	Cyrus Dairs	1-29 '07	1-29 '07	English			Min'g Eng'r	x							
172	"	Wm. Walkden	1-29 '07	1-29 '07	English			Miner	x							
173	"	Wm. McQueen	1-29 '07	1-29 '07	English			Miner	x							
174	"	Mike Bonnell	1-29 '07	1-29 '07	English			Miner	x	yes	1					
175	"	Thomas Harrige	1-29 '07	1-29 '07	English			Miner	x	yes	5					
176	"	John Cowan	1-29 '07	1-29 '07	English			Miner	x	yes	6					
177	"	Richard Lewis	1-29 '07	1-29 '07	English			Miner	x	yes	1					
178	"	John Atkinson	1-29 '07	1-29 '07	English			Miner	x	yes	1					
179	"	S. Wolfsteinholme	1-29 '07	1-29 '07	English			Miner	x	yes	4					

		1-29 '07	1-29 '07	1-29 '07	German		Laborer	\$			Exp. of gas & dust.	yes
180	Stuart Shaft.....	James Bromer.....	1-29 '07	1-29 '07	German		Laborer	\$			Exp. of gas & dust.	yes
181	"	Charlie Smith.....	1-29 '07	1-29 '07	Polish		Laborer	\$			"	"
182	"	William Kosz.....	1-29 '07	1-29 '07	Slavish		Miner	\$			"	"
183	"	J. T. O'Boyle.....	1-29 '07	1-29 '07	Irish		Fire Boss	\$	yes	4	"	"
184	Macdonald.....	Dink Harvey.....	2-11 '07	2-11 '07	American	5 yrs.	26 Miner	\$			Fall of slate.....	no
185	Mecca No. 5.....	Ben. F. Hindson.....	3-1 '07	3-1 '07	American	10 yrs.	32 Miner	\$	yes	1	Fall of top coal.....	"
186	Harvey No. 1.....	Emil Groman.....	3-15 '07	3-15 '07	German	4 yrs.	31 Miner	\$	yes	1	Fall of slate.....	"
187	Ansted.....	Imbro Miksac.....	3-18 '07	3-18 '07	Austrian	2 wks.	42 Miner	\$	yes	1	Fall of slate.....	"
188	Harvey.....	Spencer Railway.....	3-23 '07	3-23 '07	American	7 yrs.	32 Trip Rider	\$	yes	1	Nine cars.....	"
189	Ballinger No. 1.....	Chas. H. Johnson.....	4-1 '07	4-1 '07	American	33 yrs.	23 Miner	\$			Fall of slate.....	"
190	Minden No. 5.....	John Price.....	4-18 '07	4-18 '07	English	28 yrs.	42 Miner	\$	yes	2	Fall of slate.....	"
191	Whipple Shaft.....	Sam'l Longsworth.....	5-1 '07	5-1 '07	English	28 yrs.	43 Statenman	\$	yes	1	Exp. of gas & dust.	yes
192	"	Ras Wiley.....	5-1 '07	5-1 '07	American	20 yrs.	34 Miner	\$	yes	3	"	"
193	"	Ed Smith.....	5-1 '07	5-1 '07	American	20 yrs.	34 Miner	\$	yes	4	"	"
194	"	George Stamper or Stumper.....	5-1 '07	5-1 '07	American	10 yrs.	27 Miner	\$	yes	1	"	"
195	"	Charles Burgess.....	5-1 '07	5-1 '07	American	29 yrs.	25 Miner	\$	yes	2	"	"
196	"	Rolly(Raleigh)Tucker.....	5-1 '07	5-1 '07	American	23 yrs.	25 Miner	\$			"	"
197	"	H. L. Milton.....	5-1 '07	5-1 '07	American	5-13 '07	42 Stable Boss	\$	yes	4	"	"
198	"	Robt. Armstrong.....	5-1 '07	5-1 '07	English	36	50 Tracklayer	\$	no	2	"	"
199	"	John Langton.....	5-1 '07	5-1 '07	English	25	39 Miner	\$	yes	3	"	"
200	"	James Farnmouth or Farnsworth.....	5-1 '07	5-1 '07	English	20	34 Statenman	\$	yes	1	"	"
201	"	Hutson Burgess.....	5-1 '07	5-1 '07	American	6	28 Motor run'r	\$	yes	3	"	"
202	"	Arnold Kelley.....	5-1 '07	5-1 '07	American	6 yrs.	21 Driver	\$			"	"
203	"	William Wilson.....	5-1 '07	5-1 '07	Negro	6 yrs.	21 Statenman	\$			"	"
204	"	John Thompson.....	5-1 '07	5-1 '07	Negro	7 yrs.	38 Statenman	\$	yes	1	"	"
205	"	Phorah Joseph.....	5-1 '07	5-3 '07	Syrian	30	Cager	\$			"	"
206	"	I. Iori or Giovanni Ecole.....	5-1 '07	5-3 '07	Italian	13	Trapper	\$			"	"
207	Minden No. 4.....	Jake Bolinski.....	5-3 '07	5-3 '07	Syrian	4 yrs.	22 Miner	\$			Fall of slate.....	no
208	Turkey Knob.....	Wm. C. Johnson.....	5-8 '07	5-8 '07	Negro	4 yrs.	30 Tiddleman	\$	yes	1	Railroad cars.....	"
209	Meadow Fork.....	James Lee.....	5-13 '07	5-13 '07	American	6 yrs.	21 Miner	\$			Fall of slate.....	"
<i>Kanawha County.</i>												
210	Morris Creek.....	John Barker.....	7-3 '06	7-3 '06	American	18 yrs.	29 Miner	\$	yes	1	Fall of slate.....	"
211	North Carbon.....	John Van Hess.....	7-8 '06	7-8 '06	German	1 year.	35 Coal loader	\$	yes	3	Premat' re explosion	"
212	Dry Branch.....	Frank M. Hodge.....	7-9 '06	7-9 '06	American	25 yrs.	44 Miner	\$	yes	8	Fall of slate.....	"
213	Red Warrior.....	C. C. Meadows.....	8-25 '06	8-25 '06	Negro	8 yrs.	28 Miner	\$	yes	3	"	"
214	Butler.....	Simon E. Toney.....	9-5 '06	9-5 '06	American	12 yrs.	34 Miner	\$	yes	2	"	"
215	Shanrock.....	H. H. Mullins.....	9-12 '06	9-12 '06	American	36 yrs.	49 Miner	\$	yes	9	"	"
216	Red Warrior.....	Robert Scott.....	10-26 '06	10-26 '06	American	15 yrs.	30 Motor run'r	\$	yes	1	Motor & trap door	"
217	Imperial No. 3.....	Charles Brown.....	12-6 '06	12-6 '06	American	3	Mac. helper	\$	yes	1	Fall of slate.....	"
218	Kayford.....	Wm. Thomas.....	12-17 '06	12-17 '06	American	4 mos.	28 Miner	\$			"	"
219	W. Va. No. 1.....	Chas. A. Chenetham.....	1-12 '07	1-12 '07	Negro	One yr	30 Coal loader	\$			50.00	"
220	Coalburg.....	John M. Bots.....	2-7 '07	2-7 '07	American	10 yrs.	33 Mach. run'r	\$	yes	6	"	"
221	Monarch.....	Love Jones.....	2-8 '07	2-8 '07	Negro	3 yrs.	23 Coal loader	\$			"	"
222	"	Wellington Casebolt.....	3-21 '07	3-21 '07	Negro	4 yrs.	25 Motor run'r	\$	yes	2	Mine cars.....	"
223	South Carbon Splint	Vernie Vanhoose.....	4-8 '07	4-8 '07	American		22 Coal loader	\$	yes	3	Fall of slate.....	"

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

No.	NAME OF MINE	Name of Person Killed	Date of		Nationality	Length of Experience	Age	Occupation	Married or Single	Widow	Children	Total No. of Dependents	Insurance & amount	How Killed.	Inquest
			Injury.	Death.											
Kanawha Co., Cont'd.															
224	W. Va. No. 1	Jacob Hubbard	4 19 '07	4 19 '07	American	18	40	Lo'd. & drlv.	Y					Internal bleeding.	No
225	La Mont No. 3	Albert Perry	5 15 '07	5 17 '07	American	35	35	Coal loader.	M.					Fall of slate.	No
226	No. 5 H. & S.	Italian No. 11	5 25 '07	5 25 '07	Italian	23	35	Coal loader.	M.					Fall of slate	No
227	No. 1 Black Band.	Will McBowen	3 20 '07	5 20 '07	American	2 yrs	23	Driver	M.					Mine cars	No
228	Lucas Ray	Elmer Hayes	6 4 '07	6 4 '07	American	2 yrs	26	Miner.	M.	yes	3			Fall of slate.	No
229	Kayford	Ruben James	6 25 '07	6 25 '07	Negro.	17	25	Mac. helper	M.	yes	1			Fall of breast coal	No
230	Ruby	Ellis Neal	6 25 '07	6 25 '07	American	15	17	Tipple lab'r.	M.					Mine cars (outside) run away	No
231		Ernest Bias	6 25 '07	6 25 '07	American	21	21	Tipple lab'r.	S.					Mine cars (outside) run away	No
Mason County.															
232	Klondike	Rutter Holl.	9 5 '06	9 5 '06	American	12 yrs.	33	Miner.	M	yes	1		220.00	Fall of slate.	No.
233	Greendale	James T. Nutter	9 21 '06	9 21 '06	American	10 yrs	47	Miner.	M	yes	7			Fall of slate	No.
234	Manilla	John Allison	8 7 '06	8 7 '06	American	20 yrs	56	Miner	M.	yes	3			Fall of slate	No.
Raleigh County															
235	Raleigh No. 1	Thomas Crezelok	7 9 '06	7 9 '06	Hungarian	39	39	Miner.	M.	yes	8			Fall of slate.	No
236	Cranberry	Italian No. 47	4 20 '06	8 20 '06	Italian	30	30	Miner.	S.					Caught by descend- ing cage.	No.
237	Raleigh No. 3	William Wooten	8 28 '06	8 28 '06	American	25 yrs.	42	Miner.	M	yes	3			Fall of slate	No.
238	Beckley	Robert A. Moore	9 6 '06	9 6 '06	American	10 yrs	43	Miner.	M	yes	4		50.00	Fall of slate.	No
239	Wright No. 2	Frank McClure	4 8 '07	4 8 '07	American	19	19	Driver	M	yes				Mine cars	No
240	Stonewall	Charles Smartok	5 17 '07	5 20 '07	Hungarian	3 yrs.	24	Miner.	S.				50.00	Fall of slate	No
241	Price Hill	Lawrence Saunders	6 27 '07	6 27 '07	Negro.	10 yrs	28	Miner.	M.	yes	1		50.00	Fall of slate.	No
Logan County.															
242	Yuma	Otto Krung	2 16 '07	2 16 '07	German	45	45	Laborer	S.					Blow out shot	No.
243		Peter Steltz	2 16 '07	2 16 '07	Hungarian	30	40	Laborer	M	yes	1			Blow out shot	No.
244	Rex	Edward M. Grover	3 14 '07	3 14 '07	American	5 yrs	30	Miner.	M	yes	3			Blown through shot	No.
245	No. 1 Logan	Edward Elkins	3 14 '07	5 14 '07	American	2 yrs	29	Driver	M	yes	1			Mine cars	No.
246	Island Creek No. 2	J. D. Johnson	6 21 '07	6 21 '07	Negro.	12	12	Miner	M	yes	1			Fall of slate	No.
Mingo County															
247	Trucker No. 7	William Steifel	7 3 '06	7 5 '06	American	3 mo	15	Trapper	S.					Mine cars	No.

248	Lick Fork	7 12 '06	7 12 '06	7 12 '06	American	3 yrs.	15 Brakeman..	S.	...	...	...	Fall of slate	no.
249	Alma	9 8 '06	9 8 '06	9 8 '06	American	15 yrs.	50 Miner.	M.	yes	5	6	...	no.
250	War Eagle	9 11 '06	9 11 '06	9 11 '06	American	1 yr.	23 Miner.	M.	yes	3	1	...	no.
251	Glen Alum No. 2	11 16 '06	11 16 '06	11 16 '06	American	3 yrs.	33 Truck layer	M.	yes	3	1	...	no.
252	Cedar	12 8 '06	12 8 '06	12 8 '06	American	17	Miner.	M.	...	...	...	...	no.
253	Rock Jacket	1 16 '06	1 16 '06	1 16 '06	Hungarian	15 days	25 Miner.	M.	...	...	...	...	no.
254	Glen Alum	4 10 '06	4 10 '06	4 10 '06	American	...	28 Timberman	M.	yes	3	4	...	no.
255	Crape Mine	6 1 '06	6 1 '06	6 1 '06	Slave In.	...	40 Miner.	M.	yes	1	2	...	no.
<i>McBowell County.</i>													
256	Keystone	7 2 '06	7 2 '06	7 2 '06	American	18 yrs.	40 Foreman.	M.	yes	4	5	50.00 Explosion of gas.	no.
257	"	7 2 '06	7 2 '06	7 2 '06	American	...	23 Miner.	M.	...	...	...	...	no.
258	"	7 2 '06	7 2 '06	7 2 '06	Negro.	...	30 Miner.	M.	yes	1	...	...	no.
259	"	7 2 '06	7 2 '06	7 2 '06	Negro.	...	30 Miner.	M.	...	...	...	...	no.
260	Tidewater	7 10 '06	7 10 '06	7 10 '06	Negro.	20 yrs.	40 Miner.	M.	...	...	...	...	no.
261	Elk Ridge	7 16 '06	7 16 '06	7 16 '06	Negro.	...	35 Slateman.	M.	yes	1	...	Fall of coal & slate	no.
262	Empire	7 18 '06	7 18 '06	7 18 '06	Negro.	2 yrs.	32 Driver.	M.	yes	3	4	50.00 Fall of slate	no.
263	Dixon-Porahontas.	7 19 '06	7 19 '06	7 19 '06	American	4 yrs.	18 Foreman	M.	yes	3	4	Fell down shaft.	no.
264	"	7 19 '06	7 19 '06	7 19 '06	Negro.	3 yrs.	30 Laborer.	M.	...	...	...	...	no.
265	"	7 19 '06	7 19 '06	7 19 '06	Negro.	...	30 Driller/miner	M.	...	...	...	...	no.
266	"	7 23 '06	7 23 '06	7 23 '06	Negro.	2 yrs.	26 Laborer.	M.	...	...	...	...	no.
267	Pulaski.	8 1 '06	8 1 '06	8 1 '06	Negro.	4 yrs.	28 Miner.	M.	yes	1	...	50.00 Fall of slate	no.
268	Pulaski	8 11 '06	8 11 '06	8 11 '06	Hungarian	...	42 Miner.	M.	...	...	...	...	yes.
269	U. S. No. 2.	8 13 '06	8 13 '06	8 13 '06	Negro.	1 yr.	21 Miner.	M.	...	...	...	...	no.
270	Shawnee	8 13 '06	8 13 '06	8 13 '06	Negro.	...	20 Car loader	M.	yes	2	3	Caught bet. R.R. cars	no.
271	Elkhorn	8 20 '06	8 20 '06	8 20 '06	American	18 mos.	35 Laborer.	M.	...	...	...	...	no.
272	Bottom Creek.	8 22 '06	8 22 '06	8 22 '06	Slavish.	...	21 Miner.	M.	...	...	...	...	no.
273	Jed Shaft	8 28 '06	8 28 '06	8 28 '06	Polish	4 wks.	25 Driller/miner	M.	yes	1	...	50.00 Fall of slate	no.
274	Bottom Creek	9 7 '06	9 7 '06	9 7 '06	American	11 mos.	45 Laborer.	M.	yes	1	...	...	no.
275	Feeless	9 7 '06	9 7 '06	9 7 '06	American	5 yrs.	16 Driver.	M.	...	...	...	...	no.
276	Big Sandy.	9 22 '06	9 22 '06	9 22 '06	American	1 mo.	23 Motorman.	M.	...	...	...	...	no.
277	Bottom Creek.	9 22 '06	9 22 '06	9 22 '06	German	...	30 Laborer.	M.	...	...	...	...	no.
278	Grozer No. 1	9 27 '06	9 27 '06	9 27 '06	Slavish.	3 wks.	21 Miner.	M.	yes	1	2	50.00 Fall of slate	no.
279	Cambridge	10 21 '06	10 21 '06	10 21 '06	American	10 yrs.	30 Miner.	M.	yes	3	4	...	no.
280	"	10 21 '06	10 21 '06	10 21 '06	American	5 yrs.	32 Miner.	M.	...	...	...	...	no.
281	Pula. Id.	10 30 '06	10 30 '06	10 30 '06	American	4 mos.	25 Slateman.	M.	yes	1	2	...	no.
282	Orozer No. 2	11 6 '06	11 6 '06	11 6 '06	Slavish.	10 yrs.	26 Miner.	M.	yes	1	...	...	no.
283	Pulaski.	11 15 '06	11 15 '06	11 15 '06	American	4 yrs.	18 Laborer.	M.	...	...	...	...	no.
284	Twin Branch	11 17 '06	11 17 '06	11 17 '06	Irish	3 yrs.	21 Miner.	M.	...	...	...	...	no.
285	McClaren	11 26 '06	11 26 '06	11 26 '06	Italian.	...	23 Miner.	M.	...	...	...	...	no.
286	Turkey Gap	12 1 '06	12 1 '06	12 1 '06	Hungarian	2 mos.	28 Miner.	M.	...	...	...	...	no.
287	U. S. No. 2.	12 10 '06	12 10 '06	12 10 '06	German	...	9 Miner.	M.	...	...	...	...	no.
288	County Seat.	12 13 '06	12 13 '06	12 13 '06	Negro.	1 yr.	32 Miner.	M.	yes	1	...	...	no.
289	Pulaski.	12 14 '06	12 14 '06	12 14 '06	Italian	2 yrs.	19 Laborer.	M.	...	...	...	...	no.

*Looking or work.

*Rock Drill Runner

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

No.	NAME OF MINE	Name of Person Killed.	Date of		National-ity.	Length of experience	Age.	Occupation	Married or Single.	Widow.	Children.	Total No dependants.	Insurance & amount.	How Killed.	Inquest.
			Injury.	Death.											
290	McDowell Co., Con.	James Wilcher.....	12-14 '06	12-26 '06	Negro.....	4 yrs.	34	Laborer...	M.	yes	3	4	.....	Outside exp. of powder	no.
291	Pulaski.....	Ad. Mullins.....	12-14 '06	12-14 '06	Negro.....	5 yrs.	22	Laborer...	S.	.....	.....	.....	.....	"	no.
292	"	Alex. Finney.....	12-14 '06	12-19 '06	Negro.....	4 yrs.	36	Laborer...	M.	yes	2	1	.....	"	"
293	"	Parthena Rhodes.....	12-14 '06	12-19 '06	Negro.....	.....	.....	Non-emp. e	M.	.....	.....	.....	.....	"	"
294	"	Martha A. Johnson.....	12-14 '06	12-25 '06	Negro.....	.....	.....	.....	M.	.....	1	1	.....	"	"
295	Elkridge.....	H. A. Hatchell.....	12-18 '06	12-15 '06	American	3 yrs.	36	Loc. engine r	S.	.....	.....	.....	50 00	Locomotive	yes
296	Empire.....	Jno. T. Nutall.....	12-18 '06	12-18 '06	English.....	16 yrs.	26	Miner.....	S.	.....	.....	.....	.....	Fall of Coal.....	no.
297	U. S. No. 6.....	Alexander Bordlie.....	12-20 '06	12-20 '06	Hungar'n	3 mos.	14	Miner.....	S.	.....	.....	.....	.....	Fall of Slate.....	"
298	Indian Ridge.....	Eugene Scherbonowski.....	12-20 '06	12-20 '06	American	5 yrs.	34	Miner.....	M.	yes	1	2	.....	"	"
299	Peerless.....	Tommy Zarra.....	12-21 '06	12-21 '06	Italian.....	2 yrs.	19	Miner.....	M.	.....	.....	.....	.....	"	"
300	"	Lawrence Quadrone.....	12-21 '06	12-21 '06	Not given	.....	.....	Miner.....	M.	.....	.....	.....	.....	"	"
301	McDowell.....	Garfield Lynch.....	12-29 '06	12-29 '06	Negro.....	2 yrs.	26	Miner.....	M.	yes	1	2	.....	Fall of Coal.....	yes
302	Keystone.....	Rodel Frazet.....	1-9 '07	1-9 '07	Italian.....	2 yrs.	28	Miner.....	M.	yes	1	1	.....	Fall of Slate.....	yes
303	Indian Ridge.....	John Ferry.....	1-12 '07	1-12 '07	Italian.....	2 yrs.	36	Miner.....	M.	.....	.....	.....	.....	Fall of Slate.....	no.
304	Empire.....	Boone Carter.....	1-15 '07	1-15 '07	American	8 mos.	46	Rockman...	M.	yes	8	9	.....	Mine Cars (outside).....	"
305	Ashland.....	Jeff L. Jennings.....	1-24 '07	1-24 '07	American	.....	25	Carpenter...	S.	.....	.....	.....	.....	cin Pole (outside).....	yes
306	Bottom Creek.....	John C. Pellet.....	1-25 '07	1-26 '07	American	.....	24	Miner.....	S.	.....	.....	.....	.....	Fall of Coal.....	no.
307	Shamokin.....	L. E. Warden.....	1-31 '07	1-31 '07	American	10 yrs.	29	Miner.....	M.	yes	4	5	.....	Fall of Slate.....	no.
308	Turkey Gap.....	James Johnson.....	2-1 '07	2-1 '07	Negro.....	10 yrs.	37	Miner.....	M.	yes	6	7	.....	Fall of Slate.....	"
309	Empire.....	Henry Toler.....	2-4 '07	2-4 '07	Negro.....	4 yrs.	25	Mac. helper	M.	.....	.....	.....	.....	Fall of Sandrock.....	"
310	Berywind No. 1.....	Percy Harber.....	2-8 '07	2-8 '07	Hungar'n	3 yrs.	23	Mac. helper	M.	.....	.....	.....	.....	Fall of Sandrock.....	"
311	No. 1.....	George Tolold.....	2-8 '07	2-8 '07	German.....	3 mos.	22	Miner.....	M.	.....	.....	.....	.....	Exp. of powder outside	"
312	Bottom Creek.....	Karl Bauer.....	2-14 '07	2-16 '07	American	3 yrs.	30	Brakeman...	M.	yes	2	3	.....	Mine Cars.....	"
313	Page.....	Harre W. Lester.....	2-18 '07	2-18 '07	American	6 yrs.	19	Pumper.....	S.	.....	.....	.....	.....	Mine Car (outside).....	yes
314	Lynchburg.....	John D. Bailey.....	2-19 '07	2-19 '07	Negro.....	6 yrs.	20	Miner.....	S.	.....	.....	.....	.....	Fall of Coal.....	no.
315	Norfolk.....	George Mills.....	2-19 '07	2-20 '07	American	.....	20	Miner.....	S.	.....	.....	.....	.....	Fall of Coal.....	"
316	Peerless.....	Jerry Lovell.....	2-20 '07	2-20 '07	American	.....	24	Laborer.....	S.	.....	.....	.....	.....	Fall of Slate.....	yes
317	Peerless.....	Adam Sprakup.....	2-22 '07	2-22 '07	Polish.....	.....	25	Trackman...	S.	.....	.....	.....	.....	Mine Cars.....	yes
318	Angle.....	Angelo Lacosta.....	2-25 '07	2-25 '07	Italian.....	15 mos.	15	Trapper.....	S.	.....	.....	.....	.....	Mine Car.....	no.
319	Page.....	Robert Carter.....	3-14 '07	3-14 '07	Negro.....	10 mos.	30	Miner.....	M.	yes	1	2	.....	Fall of Coal.....	"
320	King.....	Robt L. Roon.....	3-15 '07	3-16 '07	Negro.....	.....	33	Miner.....	M.	.....	.....	.....	.....	Powder Explosion.....	"
321	Marytown.....	James Meadows.....	3-18 '07	3-20 '07	Negro.....	.....	19	Car dropp'r	S.	.....	.....	.....	.....	Railroad Cars.....	"
322	Angle.....	William Browns.....	3-18 '07	3-20 '07	Negro.....	3 yrs.	25	Miner.....	S.	.....	.....	.....	.....	Fall of Slate.....	"
323	Indian Ridge.....	Zack Hopkins.....	3-26 '07	4-1 '07	Negro.....	6 yrs.	37	Laborer...	M.	yes	1	2	.....	"	yes
324	Turkey Gap.....	Walter Lackay.....	4-5 '07	4-5 '07	Italian.....	2 yrs.	33	Laborer...	S.	.....	.....	.....	.....	"	"
325	Elk Ridge.....	Pominitque Koint.....	4-5 '07	4-5 '07	American	4 yrs.	32	Miner.....	M.	.....	.....	.....	.....	"	no.
326	U. S. No. 2.....	Robt Brown.....	4-6 '07	4-6 '07	Negro.....	.....	35	Miner.....	M.	yes	6	7	.....	"	"
327	Page.....	Macon Gilliam.....	4-6 '07	4-8 '07	Negro.....	.....	25	Miner.....	M.	.....	.....	.....	50 00	Fall of Coal.....	yes
328	Delta.....	John Goot.....	4-8 '07	4-8 '07	Slavish...	.....	25	Miner.....	S.	.....	.....	.....	.....	"	"

*Non-employee.

329	U. S. No. 1	Wm. Gunduff	4-11 '07	4-11 '07	4-11 '07	Negro	5 mo.	21	Driver	S.	yes	1	50.00	Mine cars	no.
330	Gilliam	George Oonerge	4-15 '07	4-15 '07	4-15 '07	Italian	3 mo.	21	Miner	M.	yes	1	50.00	Explosion of powder	no.
331	Gilliam	Frank Garland	4-15 '07	4-15 '07	4-15 '07	Italian	3 mo.	26	Miner	S.	yes	4	50.00	"	no.
332	"	Jas. Ross	4-15 '07	4-15 '07	4-15 '07	Italian	3 mo.	30	Miner	S.	yes	4	50.00	"	no.
333	"	Joe Monn	4-15 '07	4-15 '07	4-15 '07	Italian	3 mo.	29	Miner	S.	yes	4	50.00	"	no.
334	"	Dominic McDonald	4-15 '07	4-17 '07	4-17 '07	Italian	3 mo.	24	Miner	S.	yes	4	50.00	"	no.
335	Algonia	Claude Robinson	4-17 '07	4-17 '07	4-17 '07	Negro	3 yrs.	17	Spragger	S.	yes	3	50.00	Fall of slate	yes
336	U. S. No. 3	Cesare Crippa	4-19 '07	4-19 '07	4-19 '07	Italian	1 mo.	20	Laborer	S.	yes	3	50.00	Electric Motor	no.
337	Pulaski	A. B. Dalton	5-10 '07	5-10 '07	5-10 '07	American	5 yrs.	29	Miner	M.	yes	4	50.00	Bet. car & Rib	no.
338	Ashtand	Geo. Mitchell	5-11 '07	5-11 '07	5-11 '07	Negro	6 yrs.	34	Miner	M.	yes	2	50.00	Fall of coal	yes
339	Bottom Creek	Bass. Corbet	5-20 '07	5-20 '07	5-20 '07	Negro	3 yrs.	24	Miner	S.	yes	3	50.00	Fall of coal & slate	no.
340	Berwind No. 1	John Fallon	5-24 '07	5-24 '07	5-24 '07	American	4 yrs.	26	Brakeman	S.	yes	1	50.00	Caught bet. mine car & coal	no.
341	Pulaski	Squire Cobbs	5-31 '07	5-31 '07	5-31 '07	Negro	4 yrs.	19	Laborer	S.	yes	1	50.00	Fall of slate	yes
342	Shawnee	Mays Galloway	6-1 '07	6-1 '07	6-1 '07	Negro	10 yrs.	30	Miner	M.	yes	1	50.00	Electric wire and motor	yes
343	Houston	Glascow Lane	6-11 '07	6-11 '07	6-11 '07	Negro	3 mos.	18	Miner	S.	yes	1	50.00	Fall of slate	yes
344	Berwind No. 3	Mark Phillips	6-24 '07	6-24 '07	6-24 '07	Rouman	8 mos.	25	Laborer	S.	yes	1	50.00	Fall of slate	no.
345	J. E. B. No. 3	W. Atkins	6-27 '07	6-27 '07	6-27 '07	American	4 mo.	16	Miner	S.	yes	1	50.00	Fall of slate	no.
<i>Mercer County.</i>															
346	Mill Creek	Amello Charna	7-6 '06	7-6 '06	7-6 '06	Italian	6 mos.	30	Statenman	M.	yes	1	50.00	Fall of coal & slate	no.
347	"	Tony Gott	7-6 '06	7-6 '06	7-6 '06	Italian	6 mo.	30	Statenman	M.	yes	1	50.00	"	no.
348	"	Sam Moat	7-6 '06	7-6 '06	7-6 '06	Italian	6 mo.	30	Statenman	M.	yes	1	50.00	"	no.
349	Pinnacle	J. R. Shephard	7-23 '06	7-23 '06	7-23 '06	American	2 yrs.	22	Miner	S.	yes	1	50.00	Fall of slate	no.
350	Coaldale	Charles Hariston	11-16 '06	11-16 '06	11-16 '06	Negro	6 yrs.	24	Miner	S.	yes	1	50.00	Fall of slate	no.
351	Pawana	Joe Miller	12-4 '06	12-4 '06	12-4 '06	Negro	6 yrs.	24	Miner	M.	yes	1	50.00	Fall of slate	no.
352	Caswell Creek	George Muse	1-8 '07	1-8 '07	1-8 '07	Negro	2 1/2 yrs.	16	Miner	S.	yes	1	50.00	Fall of coal	no.
353	Louisville	Arthur Elliott	1-10 '07	1-10 '07	1-10 '07	Negro	8 mo.	22	Miner	S.	yes	1	50.00	Fall of slate	no.
354	Booth-Bowen	Sam. G. Lyle	1-15 '07	1-15 '07	1-15 '07	American	12 yrs.	33	Miner	M.	yes	4	50.00	Fall of slate	no.
355	Weyanoke	Harry Maals	6-15 '07	6-15 '07	6-15 '07	American	2 yrs.	17	Brakeman	S.	yes	1	50.00	Fall of rock	no.
356	"	Geo. Taylor	6-15 '07	6-15 '07	6-15 '07	American	2 yrs.	35	Trackman	M.	yes	1	50.00	Fall of rock	no.

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE	Name of Person Injured.	Date of Accident.	Nationality.	Length of Experience.	Age.	Occupation.	Nature of Accident.	Injuries Sustained.
<i>Brooke County.</i>								
1 Locust Grove.....	Joseph Bence.....	9-28 '06	Italian.....	4 mo.....	20.....	Miner.....	Fall of slate.....	Leg broken below the knee
2 Locust Grove.....	James Venterine.....	10-18 '06	Italian.....	1 mo.....	33.....	Miner.....	Premature explosion.....	Cut on head, skull fractured
3 Locust Grove.....	Andy Brondoes.....	11-11 '06	Slavish.....	1 yr.....	25.....	Trackman.....	Bet. hitch's & bumpers.....	Foot mashed.
4 Gilchrist.....	Domenico Delsegno.....	11-21 '06	Italian.....	2 yrs.....	28.....	Miner.....	Fall of slate.....	Left leg broken above knee.
5 Lewis.....	E. J. Byrne.....	12-4 '06	American.....	5 wks.....	21.....	Miner.....	Fall of slate.....	Leg broken bet. knee & ankle
6 Locust Grove.....	Geo. Sarrault.....	12-9 '06	Slavish.....	5 wks.....	17.....	Miner.....	Explo. powder.....	Face and hands burned.
7 Locust Grove.....	Jno. O'Rourke.....	4-30 '07	American.....	2 mo.....	21.....	Laborer.....	Bet. mine cars outside.....	Foot and legs bruised.
8 Locust Grove.....	Z. Banemoule.....	5-21 '07	Italian.....	1 mo.....	27.....	Miner.....	Fall of slate.....	Ankle injured.
9 Locust Grove.....	Tony Vervena.....	5-30 '07	Italian.....	6 mo.....	22.....	Miner.....	Fall of slate.....	Left leg broken above knee
<i>Marion County.</i>								
10 Anderson.....	Larry Chercostra.....	7-5 '06	Italian.....	1 mo.....	35.....	Lead runner.....	Bet. mine cars outside.....	Fracture of bone, left leg.
11 Anderson.....	Jolin Rolfo.....	7-19 '06	Italian.....	4 mo.....	23.....	Miner.....	Fall of coal.....	Left leg broken.
12 Monongah No. 6.....	H. L. Wilson.....	8-1 '06	American.....	8 mo.....	26.....	Bumper.....	Mine car lump & chute.....	Right hip bone fractured
13 Monongah.....	Fred Stubbs.....	8-3 '06	Negro.....	5 yrs.....	28.....	Driver.....	Fall of slate.....	Right leg broken, amputated below knee
14 Chatham No. 1.....	Yanko Girdonage.....	8-13 '06	Austrian.....	1 yrs.....	46.....	Miner.....	Fall of coal at face.....	Compound fracture left leg below knee.
15 Chatham No. 1.....	Tony Kolich.....	8-19 '06	Austrian.....	1 yrs.....	40.....	Miner.....	Fall of coal.....	Compound-committed fracture left leg.
16 Montana.....	E. N. Smith.....	8-20 '06	American.....	5 yrs.....	46.....	Machine boss.....	Bet. Mine car and rib.....	Right arm broken at wrist & lacerated.
17 Anderson.....	Louie Workoski.....	8-23 '06	German.....	8 mo.....	37.....	Miner.....	Bet. bumpers mine cars.....	Sim. frac. bones left leg, above ankle, ankle joint sprained.
18 Monongah No. 8.....	Joe Stembia.....	8-30 '06	Slavish.....	4 mo.....	32.....	Miner.....	Fall of slate.....	Head cut, skull frac'd, compound right hand & wrist cut
19 Monongah No. 5.....	Mike Iudilus.....	9-10 '06	Italian.....	5 yrs.....	19.....	Laborer.....	Trip on rope & fell off tip.....	Both arms broken near wrist
20 New England.....	James Marazite.....	9-10 '06	Italian.....	2 yrs.....	15.....	Miner.....	Fall of slate.....	Contusion of chest, hips & body squeezed
21 Montana.....	Andy Remor.....	9-14 '06	Slavish.....	8 yrs.....	38.....	Miner.....	Fall of coal.....	Left leg broken below knee.
22 Highland.....	John Candido.....	9-17 '06	Italian.....	3 yrs.....	22.....	Trackman.....	Caught bet. car & rib.....	Arm broken, collar bone dislocated, chest & back hurt
23 Montana.....	Wm. Paolac.....	10-8 '06	Slavish.....	1 yr.....	28.....	Mach. runner.....	Bet. mach. & trap door.....	Left leg broken above knee.
24 Chiefton.....	Mike Kocher.....	10-16 '06	Slavish.....	2 yrs.....	23.....	Mach. helper.....	Fall of slate.....	Frac. right leg bet knee & hip, left one bruised above knee
25 Shaft.....	G. M. Satterfield.....	10-23 '06	American.....	3 yrs.....	18.....	Rope rider.....	Mine cars.....	Broken right shoulder blade
26 Montana.....	Clyde Dawson.....	10-26 '06	American.....	11 yrs.....	23.....	Grip rider.....	Caught bet. grip car & rib.....	Foot broken, bruised all over

27	Monongah No. 8.	Fields Tapley	10-30 '06	Negro.	7 yrs	32	Driver & Brakeman	Caught bet. ear and rib.	Small bone in right leg broken above ankle.
28	Monongah No. 5.	Peter Brodovich	11-2 '06	Slavish.	4 yrs	38	Miner	Fall of coal.	Left leg broken & crushed at ankle, amput above ankle.
29	Monongah No. 8.	Tomy Jones	11-5 '06	American	1 mo.	15	Trapper	Mine cars	Left leg cut and broken at ankle, amputated.
30	Beechwood	S. A. Wisman	11-27 '06	American	4 yrs.	44	Carpenter	Caught bet. load of hay and trestle	Breast-bone broken.
31	Montana	Tomy Russian	1-5 '07	Austrian.	1 yr.	24	Miner	Caught bet. can bumpers	Ankle joint and heel cut off left foot.
32	Chatham No. 1	Santo Guinto	1-8 '07	Italian.	2 mos.	35	Slateman.	Fall of slate	Compound fracture left leg.
33	Monongah No. 8.	Dionimick de Barto.	2-14 '07	Italian.	8 mos.	40	Miner	Blown out shot.	Head, face, neck and hands severely burned.
34	" No. 8.	Clements de Barto.	2-14 '07	Italian.	8 mos.	38	Miner	Blown out shot.	Head, neck and hands badly burned
35	" No. 8.	J. A. Cook	2-14 '07	American	3 mos.	23	Chainman	Blown out shot.	Face, neck and hands burned 1st and 2nd degree.
36	Murray	George Simonowich	2-16 '07	Austrian.	10 mos.	40	Miner	Fall of head coal.	Right arm broken.
37	Gaston	Bill Birch	3-12 '07	Italian.	6 wks.	25	Driver	Fall of slate	Fracture of breast bone.
38	Monongah No. 8.	Mike Deorta.	3-13 '07	Italian.	3 yrs	34	Miner	Fall of slate	Right leg broken and crushed below knee.
39	Monongah No. 8.	Frank Abonis	3-14 '07	Italian.	1 yrs.	38	Miner	Mine car and rib	Collar bone dislocated. 1 rib broken.
40	Pennols	Mike Selsoskie.	3-29 '07	Polish	18 mos.		Miner	Fall of coal at face.	Both collar bones fractured.
41	Highland	Larry Company	5-6 '07	Italian.	3 yrs.	23	Slateman	Fall of slate	Eight scalp wounds, fracture right leg 4 in. below knee.
42	New England	Joe Pin, Jr.	5-15 '07	Italian	1 yr	15	Laborer	Rail road cars.	Left leg & foot crushed, necessitating amputation upper end of middle third of leg.
43	Chatham Shaft	Alex Durenz.	5-15 '07	Italian.		24	Miner	Fall of slate.	Fractured femur left leg. upper third.
44	Monongah No. 6.	Walter Groves.	5-18 '07	American	3 yrs.	19	Miner	Caught bet. car & prop.	Hip bone broken.
45	Monongah No. 2.	Junior Orr.	5-21 '07	American	1 yr.	15	Older	Mine car, outside.	Fracture of tibia, of right leg. 4 in. above ankle joint.
46	Monongah No. 2.	Mike Smcish.	6-13 '07	Slavish.	3 yrs	26	Miner	Fall of coal and slate.	Fracture of left tibia, bruises on left hand, arm and face.
47	King	John O. Mundell.	6-19 '07	American	sev. rah	42	Miner	Fall of coal.	Confused hand.
48	Monongah No. 2	Wilson Rledy	6-19 '07	American	8 mos.	22	Miner	Mine car	Laceration of left hand, thumb broken, index finger amputated.
49	Monongah No. 8.	Samuel Thompson	6-27 '07	American	1 yr.	38	Timberman	Fall of slate.	Fracture of left tibia, contused wound of scalp.
50	Monongalia County	Feale Carron.	8-6 '06	Italian.	2 yrs.	25	Miner	Mine Car	Back broken.
51	Beechwood	Tomey Jimmey.	1-7 '07	Italian.	3 yrs.	49	Miner	Fall of shell sandstone	Fracture lower end of femure ribs crushed, lung punctured, left hip mangled.
52	Beechwood	Joe Cappett.	1-9 '07	Italian.	4 yrs	19	Driver	Thrown from horse.	Collar bone broken.

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	Name of Person Injured.	Date of Accident.	Nationality.	Length of Experience.	Age.	Occupation.	Nature of Accident.	Injuries Sustained.
<i>Monongalia Co. Cons.</i>								
53 Opekiska.....	John Munchine.	1-12 '07	Italian.....	5 yrs.....	30 Miner.....		Fall of slate.....	Back bruised, split bet. legs.
54 Sabaton No 5.....	Joseph Subrinski.	5-18 '07	Slavish.....	45 Miner.....			Mine car and prop.....	Squeezed in groin.
<i>Marshall County.</i>								
55 Benwood.....	Thomas Robinson, Jr.	7-13 '06	American.....	4 yrs.....	21 Miner.....		Premature powder expl.	Bad burn head, face and hands
56 Benwood.....	Thomas Robinson, sr.	7-13 '06	American.....	May 18 yrs.....	60 Miner.....		Premature powder expl.	Turned head, face and hands.
57 Benwood.....	Daniel O'Donnell.....	8-1 '06	Irish.....	32 yrs.....	50 Miner.....		Fall of stone.....	Bone broken in left leg.
58 Benwood.....	Robt. Cochran.....	8-24 '06	English.....	13 yrs.....	43 Miner.....		Premature powder expl.	Bad scalp wound.
59 Benwood.....	Calvin Thompson.....	9-4 '06	American.....	May 18 yrs.....	50 Miner.....		Fall of slate.....	Slight scalp wound, back & chest hurt.
<i>Barbour County.</i>								
60 Berryburg.....	Dom Obaster.....	9-7 '06	Italian.....	1 yrs.....	18 Trapper.....		Mine car.....	Broken* forearm, arm & leg bruised.
61 Weaver No 3.....	Joseph Stefanety.....	9-8 '06	Polish.....	2 wks.....	44 Miner.....		Fall of coal from a shaft	Leg broken above ankle.
62 Berryburg.....	John Shanks.....	9-10 '06	American.....	4 yrs.....	20 Driver.....		Caught bet. mine car & rb	Com. frac. right clavicle close to shoulder.
63 Berryburg.....	Mike Suda.....	10-24 '06	Hungarian.....	3 wks.....	36 Miner.....		Fall of coal.....	Pun'd wound outside left ankle broken, internal maleolus, ankle joint crushed.
64 Weaver No. 3.....	Gameron Waters.....	1-17 '07	American.....	3 mo.....	Loader.....		Caught bet. car & rib.....	Squeezed through hips.
65 Weaver No. 3.....	Glen Wyatt.....	1-22 '07	American.....	Just start.....	18 Miner.....		Fall of slate.....	Bruised and burned, clothing afire from lamp.
66 Berryburg.....	Steve Plater.....	6-18 '07	Negro.....	6 yrs.....	40 Contractor.....		Premature expl. nyalite	Face badly torn & lacerated, will lose one eye.
<i>Harrison County.</i>								
67 Pitcairn.....	Steve Santa.....	7-9 '06	Slavish.....	1 year.....	30 Laborer.....		Fall of slate.....	Leg broken.
68 Pinnicklunick.....	J. H. Nuzum.....	7-13 '06	American.....	5 yrs.....	31 Sup't.....		Grip car, rope haulage	Right leg cut, bone shattered below knee.
69 Ocean.....	August Novatney.....	7-16 '06	Slavish.....	3 wks.....	15 Trapper.....		Rope haulage, sheave wheel & rope.....	Nails & tips of 2nd & 3d fingers, right hand crushed off.
70 Two Lick.....	John Katrazzo.....	7-17 '06	Hungarian.....	2 yrs.....	22 Car trimmer.....		Rail road car.....	Right leg broken-ankle crush.
71 Globe.....	Neri Kenney.....	7-19 '06	American.....	2 yrs.....	17 Driver.....		Pump machinery.....	End of finger, one finger amputated.
72 Waldo.....	Robt. Woodson.....	7-26 '06	Negro.....	6 yrs.....	26 Driver.....		Between mine cars.....	Frac. of toe, dislocated ankle.
73 West Fork.....	Harry Kurtz.....	8-16 '06	American.....	2 wks.....	16 Loader.....		Fall of coal.....	Right collar bone broken.
74 Pinnicklunick.....	Archle Bond.....	8-20 '06	American.....	2 mo.....	18 Miner.....		Fall of slate.....	Left leg broken.
75 Interstate.....	Felko Kinash.....	9-1 '06	Polish.....	3 yrs.....	34 Loader.....		Fall of slate.....	Right hip broken.

76	Columbia	Charley Yasosky	9-3 '06	Polish	12 yrs.	40	Miner	Full of coal.	Head, side, back and eye cut ribs broken.
77	Marshall	Jake Marino	9-12 '06	Italian	8 yrs.	36	Miner	Fall of rock.	Foot amputated.
78	Erie	Edward Craig	9-14 '06	American	3 yrs.	21	Driver	Caught bet. mine cars.	Ankle broken.
79	Elfen	Leslo Valon	9-26 '06	Hungarian	2 yrs.	37	Miner	Mine car.	Bone in leg broken.
80	Girard No. 1	Lloyd McDougal	9-26 '06	American	3 yrs.	20	Driver	Mine car.	Leg crushed.
81	Perry	George Nicklase	9-27 '06	Hungarian	1 yr.	19	Driver	Mine car.	Bone in leg broken.
82	Fall Run	Sam Yachin	10-1 '06	Italian	12 yrs.	24	Mach. helper	Mining machine.	Right foot cut ankle broken.
83	New Chieftain	Charles Swiger	10-1 '06	American	1 yr.	30	Motorman	Mine cars.	Contusion of leg.
84	Waldo	John Castratone	10-5 '06	Italian	1 yr.	25	Miner	Full of slate.	Foot lacerated.
85	Pinnickinnick	Garber Karkosky	10-22 '06	Slavish	3 1/2 yrs.	48	Miner	Fall of coal.	Two toes broken, others mashed.
86	Fairmore	Lonnie Betonti	10-22 '06	Italian	2 yrs.	35	Miner	Premature explosion.	Body and face burned.
87	Two Lick	Ivan Glamovitch	11-9 '06	Slavish	7 mos.	36	Miner	Fall of coal.	Three ribs broken, collar bone broken.
88	Dixie	G. W. Ellason	11-26 '06	American	2 yrs.	43	Sup't	Fell off wagon load oats.	Wrist broken.
89	Columbia	John Banko	12-19 '06	Polish	4 yrs.	22	Rope rider	Mine cars	Left arm broken.
90	Interstate	P. J. Brown	12-22 '06	American	1 yr.	28	Driver	Fall of slate.	Right leg broken.
91	Waldo	J. O. Whitener	12-28 '06	American	7 yrs.	28	Mach. runner	Fall of coal and slate.	Sprained knee.
92	Columbia	Joe Sampson	1-7 '07	Polish	4 yrs.	23	Mach. runner	Blown out shot.	Face and hands burned.
93	Pooz	Tom Sampson	1-7 '07	Polish	6 mos.	19	Mach. helper	Blown out shot.	Face and hands and back burned.
94	Viropa	Joseph Caresse	1-9 '07	Italian	4 mos.	23	Miner	Fell down.	Right arm broken.
95	Viropa	Sam Bulic	1-24 '07	Austrian	4 yrs.	25	Slateman	Mine car.	Leg broken.
96	Coaling Station	Love Scott	2-14 '07	American	17 mos.	22	Mach. runner	Mine auger machinery.	Laceration of hand.
97	Coaling Station	Roy Matson	2-15 '07	American	7 mos.	19	Miner	Thawing dynamite exploded.	Two fingers off eyes and ears hurt.
98	Pinnickinnick	Conico Wincenty	2-16 '07	Polish	3 yrs.	25	Miner	Fall of slate.	Chin, Shoulders and back bruised.
99	Pooz	Benj Gragory	2-25 '07	American	5 mos.	19	Tippelman	Fell off tippie.	Both arms broken.
100	Perry	Charles Nichols	3-7 '07	American	2 wks.	17	Driver	Caught bet. car and rib.	Squeezed through hips.
101	Pitcalrn	Louis Soosl	3-11 '07	Hungarian	1 May	48	Miner	Fall of coal.	Contusion of face and head.
102	Girard No. 2	Samule Work.	3-11 '07	Italian	6 mos.	15	Trapper	Mine car.	Alldomen and legs cut and bruised.
103	Dunham	Dominick Bills	3-12 '07	Italian	1 mo.	16	Driver	Kicked by mule.	Upper jaw broken.
104	Girard No. 1	Elzie Vernon	3-23 '07	American	1 mo.	24	Miner	Premature explosion of dynamite.	Eyes, face, neck and ears injured.
105	Meadowbrook	Dominick Tobess	3-26 '07	Italian	1 yr.	40	Miner	Fall of coal.	Broken leg, below knee.
106	Pooz	John Martin	3-29 '07	American	6 yrs.	28	Dumper	Offing bearings, bull wheel.	
107	Riverdale	Pete Olivary	4-13 '07	Italian	2 yrs.	45	Miner	Premature explosion.	Frac. of arm, amputated.
108	Lucas	Sam Olivary	4-13 '07	Italian	15 mos.	18	Driver	Premature explosion.	Face and hands burned.
109	Lucas	James Spaffore	4-13 '07	Italian	2 yrs.	29	Loader	Premature explosion.	Face and hands burned.
110	New Chieftain	Antonia Oliveria	5-1 '07	Italian	6 mos.	52	Miner	Fall of slate.	Right leg broken.
111	New Chieftain	Tom Oliveria	5-1 '07	Italian	6 yrs.	23	Miner	Fall of slate.	Fracture of thigh.
112	Fall Run	Arthur Adams	5-1 '07	American	1 mos.	4	Laborer	Winding up railroad car bottom.	Contusion of back.
113	Riverdale	Jose Lopez	5-22 '07	Italian	18 mos.	22	Mach. runner	Mining machine.	Compound frac. right arm.
114	Pitcalrn	William Buchanan	6-12 '07	American	4 yrs.	20	Mach. helper	Mining machine.	Two fingers crushed.
									Leg broken bet. ankle & knee

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE	Name of Person Injured.	Date of Accident	Nationality	Length of Experience	Age	Occupation	Nature of Accident	Injuries Sustained
<i>Harrison Co. Coal</i>								
115 Viropa	Alfred Cooper	6-18-'07	American	6 yrs.	52	Miner	Fall of slate	Fracture of right leg.
116 Viropa	George Drabig	6-20-'07	Hungarian	2 days	40	Loader	Fall of slate	Head, nose, leg and shoulder hurt.
117 Cork	Elmer Greynolds	6-27-'07	American	3 yrs.	29	Miner	Caught bet. car and rib.	Finger broke
118 Columbia	Martin Ciose	6-27-'07	Slavish	3 yrs.	29	Miner	Fall of coal	Left leg broken.
<i>Taylor County</i>								
119 T. B. Davis	J. P. Whitehair	5-22-'07	American	.....	.....	Miner	Fall of slate	Chest and knee injured
<i>Grant County</i>								
120 Davis O. & C. Co. No. 22	James Meyers	1-2-'07	German	5 mos.	20	Brakeman	Contact with live wire.	Falling and cut head
121 " " " " " " " " " "	Joe Lawlitts	1-22-'07	Slavish	3 wks.	23	Loader	Flying coal	Face cut, lost eye.
122 " " " " " " " " " "	Frank A. Coleman	3-26-'07	German	27 yrs.	52	Mechanic	Repairing pump	Partial loss small finger.
123 " " " " " " " " " "	Patsy Ross	3-26-'07	Italian	1 yr.	19	Coupler	Contact with live wire.	Burned head and arm.
<i>Upsur County</i>								
124 Red Rock	Hugo Larson	1-3-'07	Swede	7 wks.	26	Loader	Caught foot in rail-point motor ran over him	Leg cut off below knee.
<i>Mineral County</i>								
125 Smith	Thomas Boyce	7-27-'06	American	3 yrs.	22	Miner	Rock and coal	Squeezed
126 Davis O. & C. Co. No. 50	Philip Facebaker	8-5-'06	American	10 mo.	45	Miner	Fall of rock	Sprained ankle.
127 Cleason	Flomer Boetner	8-8-'06	American	3 yrs.	23	Miner	Fall of slate	Bone in leg fractured.
128 Cleason	J. W. Iman	8-9-'06	American	5 yrs.	35	Miner	Mine cars	Contused ankle.
129 Smith	Joseph Campbell	8-11-'06	American	11 yrs.	.....	Miner	Fall of rock	Leg broken.
130 Wabash No. 9	Toll Duling	8-21-'06	American	4 yrs.	24	Miner	Fall of coal	Leg broken.
131 Davis O. & C. Co. No. 19	Jacob Whisner	9-3-'06	American	1 mo.	57	Coal-inspec'r.	Fell from R. car	Dislocated a rib
132 Hampshire	H. R. Redings	9-17-'06	American	.....	58	Miner	Fall of bone coal	Leg broken and three ribs.
133 Davis O. & C. Co. No. 57	John Mason	9-18-'06	American	10 mos.	30	Miner	Explosion of powder	Burned face and breast
134 Smith	Howard Warnick	10-6-'06	American	5 yrs.	30	Driver	Mine cars gravity plane	Broken leg.
135 Davis O. & C. Co. No. 20	Harry Moors	11-3-'06	English	16 mos.	28	Miner	Struck coal with finger.	Blood poison.
136 " " " " " " " " " "	No. 6 L. H. Fugh	11-8-'06	American	6 yrs.	21	Miner	Clap pieces fell on thumb	Cutting thumb
137 " " " " " " " " " "	No. 6 Henry Drappelman	11-14-'06	American	20 yrs.	55	Miner	Caught arm between car and prop	Bruised arm
138 " " " " " " " " " "	No. 24 Clear Price	11-15-'06	Welsh	15 mos.	31	Miner	Flying coal	Eye injured
139 " " " " " " " " " "	No. 6 O. T. Hilborn	11-17-'06	American	6 yrs.	30	Carpenter	Cutting door frame	Cut wrist
140 " " " " " " " " " "	No. 20 Ed Herschberger	11-28-'06	German	3 yrs.	28	Miner	Fall of coal	Finger broken.
141 " " " " " " " " " "	No. 6 F. J. Havenscroft	12-3-'06	American	15 yrs.	31	Miner	Fall of slate	Foot and leg bruised.
142 " " " " " " " " " "	No. 20 Frank Cummings	12-7-'06	Irish	5 yrs.	45	Miner	Blown out shot	Burned face and arms
143 " " " " " " " " " "	No. 6 Sherman Strather	12-18-'06	American	4 yrs.	45	Miner	Fall of coal	Hand bruised.

144	Davis, C. & Co.	No. 6	J. H. Sheets.....	12-18	06	American	8 yrs.	19 Miner.	Replacing car on track.	Arm bruised.
145	"	"	No. 14 Fred Puffenberger.....	12-18	06	American	2 mos.	38 Miner.	Fall of rock.	Foot mashed.
146	"	"	No. 6 Taylor Shares.....	1-23	07	American	12 yrs.	34 Miner.	Replacing car on track.	Broken rib.
147	"	"	No. 20 W. Liller.....	2-2	07	American	5 mos.	30 Miner.	Arm struck car.	Bruised arm.
148	"	"	No. 20 J. R. Wilson.....	2-4	07	American	3 mos.	32 Miner.	Fall of roof.	Head & shoulder bruised.
149	"	"	No. 31 James Donnelly.....	2-13	07	American	9 mos.	35 Miner.	Premature dyn. explo.	Face, breast & eyes injured.
150	"	"	No. 21 Sam Pritchard.....	2-13	07	American	4 mos.	18 Laborer.	Bumping car.	Ankle bruised.
151	"	"	No. 20 Mike Noonan.....	2-16	07	Irish	4 mos.	22 Miner.	Car wheel.	Broken toes.
152	"	"	No. 6 W. F. Davis.....	3-13	07	American	3 yrs.	26 Miner.	Fall of coal.	Shoulder bruised.
153	"	"	No. 20 Charles Bozelli.....	3-15	07	Italian	3 yrs.	25 Miner.	Carrying a prop.	Fractured rib.
154	"	"	No. 20 Jake Keller.....	3-18	07	American	2 yrs.	35 Miner.	Working with pick.	Finger cut.
155	"	"	No. 20 P. F. McNally.....	3-19	07	American	16 mos.	13 Miner.	Claw bar slipped.	Rib injured.
156	"	"	No. 20 J. H. Wilhelm.....	4-2	07	German	3 yrs.	29 Miner.	Replacing car on track.	Straining back.
157	"	"	No. 20 Walter Wilson.....	4-3	07	American	2 yrs.	19 Miner.	Caught hand bet. nut & car.	End of thumb off.
158	"	"	No. 6 Bliss King.....	4-4	07	American	6 yrs.	35 Miner.	Fall of coal.	Head & shoulder bruised.
159	"	"	No. 20 Walter Reunion.....	4-10	07	American	3 yrs.	17 Miner.	Car wheel.	Ankle bruised.
160	"	"	No. 14 Dan Reed.....	4-22	07	American	20	Driver.	Car and rib.	Side & face injured.
161	"	"	No. 6 L. N. Loyd.....	5-5	07	American	5 yrs.	40 Miner.	Get bucket and rib.	Arm cut.
162	"	"	No. 6 Robt. McDonald.....	5-15	07	American	50	Miner.	Fall of coal.	Leg & side bruised.
163	"	"	No. 19 Ed Brothwaite.....	5-21	07	American	3 yrs.	17 Driver.	Mine car wheels.	Foot mashed.
164	"	"	No. 20 Geo. A. Shaffer.....	5-21	07	American	49	Miner.	Between two rocks.	Mashed thumb.
165	"	"	No. 3 John Gilhouser.....	6-4	07	American	49	Driver.	Between mine cars.	Leg mashed.
166	"	"	No. 6 Phil White.....	6-6	07	American	Miner.	Miner.	Fall of slate.	Face cut.
167	"	"	No. 6 James Hickey.....	6-10	07	American	Miner.	Miner.	Yarding cars.	Mashed hand.
168	"	"	No. 9 I. L. Shingler.....	6-18	07	American	31	Miner.	Fall of coal.	?
169	"	"	No. 20 James Blackburn.....	6-27	07	American	1 yr.	43 Miner.	Fall of coal.	Ankle sprained.
<i>Preston County.</i>										
170	Victoria.....		John R. Purinton.....	9-30	06	American	5 yrs.	55	Fire boss.	Badly burned.
171	Austin No. 3.....		John de Angelese.....	10-1	06	Italian	1 yr.	28 Miner.	Fall of slate.	Right thigh bone broken.
172	Kingwood No. 4.....		Paul Morand.....	10-6	06	Italian	6 yrs.	27 Miner.	Fall of coal.	Broken leg.
173	Kingwood No. 4.....		Anthony Santucci.....	10-18	06	Italian	2 yrs.	37 Miner.	Fall of bone coal.	Back hurt.
174	Bretz No. 2.....		James Hann.....	12-12	06	American	9 mos.	23	Motor and rib.	Head & breast injured.
175	Victoria No. 2.....		J. F. Lytton.....	1-16	07	American	24	Miner.	Mine cars.	Shoulder & hip bruised.
176	Kingwood No. 4.....		Giuliano Tombalini.....	1-19	07	Italian	4 mos.	28 Miner.	Fall of bone coal.	Internal contusion, eye hurt.
177	Austin No. 2.....		Paulo Langanza.....	3-9	07	Italian	4 yrs.	25	Fall against mach. bits.	Flesh wound right leg.
178	Austin No. 1.....		Ed Maxwell.....	3-13	07	American	18 yrs.	36 Miner.	Fall of slate.	Body & legs bruised.
179	Austin No. 2.....		Sam. Beaton.....	3-14	07	Italian	6 yrs.	27 Miner.	Fall of coal.	Body & legs bruised.
<i>Randolph County.</i>										
180	Weaver No. 2.....		Mike Capella.....	7-17	06	Italian	13 yrs.	35 Miner.	Premature powder explo.	Body, face & head bruised.
181	Lefter.....		Joseph Durkin.....	8-10	06	American	9 yrs.	29	Fell off, roofing house.	Hips bruised.
182	Weaver No. 1.....		Joseph Gaillo.....	9-7	06	Italian	8 mos.	30	Railroad car outside.	Foot mashed, toes broken.
183	Colliery No. 1.....		Jesse Phillips.....	10-7	06	American	Sev yrs.	20	Mine cars.	Leg broken below knee.
184	Lefter.....		Elmore Skidmore.....	10-26	06	American	32	Driver.	Fall of slate.	Leg broken, ear lacerated.
185	Weaver No. 2.....		Gus. Parrish.....	10-30	06	Negro.	Sev yrs.	32	Mine cars.	Head cut, ribs broken.
186	Weaver No. 1.....		James Stewart.....	1-11	07	American	2 yrs.	43	Miner.	Ankle sprained.
187	Weaver No. 1.....		Gregory Vace.....	1-30	07	Italian	8 mos.	28	Fall of coal.	Back injured.
188	Weaver No. 1.....		Walter Hill.....	2-14	07	American	8 yrs.	22	Mine car.	Foot mashed.

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

NAME OF MINE.	Name of Person Injured.	Date of Accident.	Nationality.	Length of Experience of	Age.	Occupation.	Nature of Accident.	Injuries Sustained.
<i>Randolph Co. (cont'd)</i>								
189 Weaver No. 1	Hickman Right	2-15-07	American	4 yrs.	23	Driver	Fall of slate.	Back and hand bruised.
190 Weaver No. 2	Jim Decker	3-11-07	Italian	3 yrs.	27	Miner	Fall of coal.	Leg bruised.
191 Weaver No. 2	Frank Cruikshank	4-13-07	American	5 yrs.	15	Laborer	Haulage rope.	Wire Pierced hand.
<i>Tucker County</i>								
192 Beacon No. 1	R. Washington	8-2-06	Negro	25	Driver	Mine cars	Leg broken.	Leg broken.
193 Davis Co. No. 1	Wm. Lovegood	8-3-06	Lith. man	1 mos.	37	Miner	Fall of slate.	Crushed foot.
194 "	Sam W. House	8-17-06	American	4 yrs.	17	Miner	Fall of roof.	Broken leg.
195 "	Howard House	8-17-06	American	2 yrs.	14	Miner	Fall of roof.	Finger cut off.
196 "	Robt. C. House	8-17-06	American	4 yrs.	16	Miner	Fall of roof.	Hand mashed.
197 "	Tony Polance	9-2-3-06	Italian	7 yrs.	41	Timberman	Fall of slate.	Leg broken.
198 "	Frank Bartos	9-11-06	Austrian	4 yrs.	21	Miner	Fall of coal.	Ankle broken.
199 "	Tony Frank	9-11-06	Italian	3 mos.	36	Miner	Fall of roof.	Foot mashed.
200 "	Thomas Kilroy	9-13-06	Irish	25 yrs.	46	Miner	Motor and fall.	Back injured.
201 "	Wm. Hersberger	9-13-06	American	1 yr.	32	Miner	Fitting pipe.	Wrench mashed foot.
202 "	Pony Mile	9-14-06	Lith. man	2 yrs.	38	Miner	Fall of slate.	Back bruised.
203 "	Jack Aurelomer	9-19-06	Austrian	3 wks.	31	Miner	Fall of roof.	Mashed through hips.
204 "	Geo. Morris	9-20-06	Lith. man	3 yrs.	28	Miner	Car and rib	Hips squeezed.
205 "	McNik Alot	9-28-06	Italian	1 yr.	27	Miner	Fall of coal.	Knee hurt.
206 "	A. E. Price	10-1-06	American	5 yrs.	37	Miner	Mine cars	Two toes broken.
207 "	Geoff Thayer	11-3-06	American	4 yrs.	19	Miner	Kicked by mule.	Broken nose.
208 "	M. Shuttleworth	11-13-06	American	3 mos.	39	Miner	Cleaving a fall.	Foot hurt.
209 "	Lake Scaph.	11-17-06	Italian	5 yrs.	44	Miner	Fall of coal.	Two ribs broken.
210 "	John Dentore	12-3-06	Italian	7 yrs.	17	Miner	Mine car and roof	Wrist broken.
211 "	Tony Gangus	12-3-06	Lith. man	2 yrs.	33	Miner	Fall of coal and slate.	Contusion of knee.
212 "	Joseph Minsky	12-7-06	Welsh	2 yrs.	32	Miner	Car and coal	Shoulder and hip bruised.
213 "	Thomas Thomas	12-20-06	Welsh	2 yrs.	31	Miner	Burned by gas explosion	Hands and face.
214 "	Howard House	12-20-06	American	1 yr.	22	Coupler	Mine cars	Amputation of finger.
215 "	Joe Golschky	12-28-06	Slavish	2 days	14	Miner	Fall of slate.	Foot badly mashed part amputated.
216 "	Mike Boswick	12-29-06	Austrian	15 days	24	Miner	Dynamite shot	Face and hands burned.
217 "	Joe Zachrich	12-29-06	Austrian	5 yrs.	30	Miner	Dynamite shot	Face and hands burned
218 "	Horbert Bateburn	1-5-07	American	2 yrs.	18	Driver	Car wheel	Foot crushed.
219 "	Pomniek Bill	1-14-07	Italian	2 yrs.	26	Miner	Dynamite shot	Face and hands burned
220 "	Lee Cartico	1-17-07	American	1 yr.	24	Miner	Dynamite shot	Face and hands burned
221 "	Fred Thompson	1-18-07	Negro	3 yrs.	20	Brakeman	Mine cars	Arm hurt.
222 "	John Latchick	1-28-07	Austrian	7 mos.	24	Miner	Dynamite shot	Face and hands burned
223 "	John Watsell	2-14-07	Austrian	10 yrs.	49	Miner	Fall of coal.	Leg and back hurt.
224 "	Mike Urokowicz	2-18-07	Austrian	1 yr.	28	Miner	Motor and rib.	Hips mashed.

225	Davis O. & O. Co	No. 37	James Gamble	2-19 '07	Polish	2 mos.	30	Miner	Fall of coal.	Fractured leg.
226	"	No. 25	John Becos	3-4 '07	Lith' nian	7 yrs.	38	Miner	Fall of slate.	Legs injured.
227	"	No. 25	Frank Moary	3-5 '07	Polish	4 yrs.	35	Miner	Fall of slate.	Leg and head cut.
228	"	No. 27	John Shultz	3-11 '07	Slavish	3 yrs.	27	Miner	Mule and ear.	Collar bone broken.
229	"	No. 36	Steve Letanusha	3-14 '07	Austrian	2 yrs.	17	Driver	Mine cars.	Fingers cut off left hand.
230	"	No. 37	Frank Pellean	3-18 '07	American	1 mos.	20	Mortorman	Fall of slate.	Fingers mashed.
231	"	No. 23	Wm. Baker	3-26 '07	American	6 wks.	16	Driver	Mine car.	Foot bruised.
232	"	No. 23	John Swedris	3-30 '07	Lith' nian	2 yrs.	38	Miner	Mine car and rib.	Breast squeezed.
233	"	No. 31	Joe Painter	3-30 '07	Prussian	1 yr.	36	Driver	Mine car.	Broken leg.
234	"	No. 36	Larry Luke	5-3 '07	Italian	2 yrs.	25	Miner	Fall of coal.	Collar bone broken.
235	"	No. 25	John Lustick	5-6 '07	Slavish	2 yrs.	30	Miner	Fall of slate.	Wound on forehead.
236	"	No. 35	Joe Gaspardovis	5-7 '07	Austrian	4 yrs.	26	Miner	Car and cross timber.	Arm broken.
237	"	No. 35	Matt Hulbert	5-22 '07	American	6 yrs.	22	Driver	Car wheel	Foot bruised.
238	"	No. 34	Nick Bullock	6-8 '07	Russian	2 yrs.	34	Miner	Mine car and roof.	Thumb mashed.
239	"	No. 23	John Sullivan	6-14 '07	Italian	2 yrs.	30	Miner	Mine car and rib.	Breast and ribs mashed.
240	"	No. 36	Andy Patch	6-24 '07	Italian	8 mos.	26	Miner	Mine car.	Toe mashed.
Clay County.										
241	Elk Manor		R. A. Mason	7-12 '06	American	at yrs.	28	Loader	Fall of slate.	Forehead lacerated, other bruises.
Fayette County.										
242	St. Clair		Daniel Stanfield	7-11 '06	American	8 yrs.	54	Miner	Fall of coal and slate.	Leg broken.
243	Minden No. 4		John Walton	7-13 '06	American	sevyrs	42	Miner	Motor and mine cars.	Leg crushed nees. amput'n.
244	Thurmond No. 1		Bob Lucas	8-17 '06	American	1 yrs.	22	Driver	Kicked by a mule.	Collar bone broken.
245	Lynnau		Anton Waisky	9-7 '06	Russian	10 yrs.	40	Miner	Fall of top coal, prevented escape from a shot in coal.	
246	Boomer No. 3		Merrill Donahue	9-22 '06	American	2 yrs.	17	Brakeman	Fell in front of motor.	Burned about face and body.
247	O. I. & S. Co.	No. 1	John H. Martin	10-10 '06	American	6 yrs.	36	Miner	Spragging car.	Thigh broken, skull frac.
248	Hickory Camp		C. B. Centers	11-2 '06	American	5 yrs.	22	Miner	Fall of slate.	Fatal injuries.
249	O. I. & S. Co.	No. 1	Thomas Watkeys	11-21 '06	American	6 yrs.	20	Driver	Water car and roof.	Left shoulder bruised.
250	Laura		Rice Fields	11-23 '06	Negro	sevyrs	25	Miner	Fall of sand stone.	Dislocated back, fracture right leg.
251	Monarch		Robert Hudnall	11-30 '06	Unknown	15 yrs.		Driver	Mine cars.	Foot mashed.
252	Monarch		Walter Lee	11-30 '06	Unknown	3 yrs.		Loader	Explosion of gas.	Face burned.
253	Hickory Camp		R. G. Rawlins	12-1 '06	American	2 yrs.	19	Driver	Mine cars and timber.	Leg broken.
254	Oakwood		John Downey	12-19 '06	American	47 yrs.	62	Miner	Ignition of powder.	Hands and face burned.
255	O. I. & S. Co.	No. 1	Edward Jarrett	1-11 '07	American	2 yrs.	15	Spragger	Mine car wheel.	Contusions of left arm.
256	Turkey Knob		Dominic Rock	1-31 '07	Italian		26	Miner	Fall of slate.	Leg broken, thigh bone broken.
257	Chapman		Everett Gilliam	2-18 '07	American	sevyrs	32	Miner	Fall of coal.	Fracture of skull.
258	O. I. & S. Co.	No. 1	Howard Brown	3-11 '07	American	10 yrs.	24	Driver	Mine car and coal.	Contusion of hip & shoulder.
259	O. I. & S. Co.	No. 1	Thomas J. Ault	4-1 '07	American	8 yrs.	38	Sta. Eng'n r	Pump machinery	Laceration of finger of right hand.
260	O. I. & S. Co.	No. 1	Frank Grazeno	4-12 '07	Italian	3 yrs.	25	Miner	Mine cars.	Laceration of right leg.
261	Prudence		George Horvath	5-12 '07	Hungarian	10 yrs.	35	Miner	Explosion of cartridge.	Right hand burned.
262	Laura		Harvey L. Oglesby	5-26 '07	Negro	sevyrs	30	Miner	Fall of slate.	Hips mashed.

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30, 1907.—Continued.

NAME OF MINE.	Name of Person Injured.	Date of Accident.	Nationality.	Length of Experience	Age	Occupation.	Nature of Accident.	Injuries sustained.
<i>Kanawha County.</i>								
233 West Va. No. 1.....	Joe Baer.....	7-7 '06	Polish.....	2 yrs.....	23	Hole borer.....	Fall of coal.....	Right leg broken.
234 Black Band No. 1.....	John Myers.....	7-26 '06	American.....	10 yrs.....	35	Driver.....	Mine car.....	Broken femur.
235 Linnox.....	R. Johnson.....	8-6 '06	American.....	3 yrs.....	17	Miner.....	Fall of coal.....	Left leg broken below knee.
236 Carbon No. 5.....	R. Workman.....	8-22 '06	American.....	21 yrs.....	45	Contractor.....	Fall of slate.....	Sides, hip and foot bruised.
237 Banner.....	John Perry.....	8-22 '06	Italian.....	2 yrs.....	35	Miner.....	Squib too short for escape.....	Contusion of arm and side.
238 United Gas.....	Joe Martin.....	9-1 '06	American.....	1 yr.....	19	Driver.....	Mine car and rib.....	Fracture of collar bone.
239 United Gas.....	Chas. Zimmerman.....	9-11 '06	American.....	3 yrs.....	21	Driver.....	Mine car and rib.....	Head bruised.
270 Black Band No. 2.....	Walt Price.....	9-12 '06	American.....	12 yrs.....	22	Driver.....	Mine car.....	Arm crushed below elbow necessitating amputation.
271 Banner No. 2.....	Rosco Sturgeon.....	9-13 '06	American.....	6 yrs.....	21	Miner.....	Flying coal from shot.....	Contusion, side neck, head and shoulder.
272 Republic No. 1.....	W. H. Chapman.....	9-20 '06	American.....	4 yrs.....	40	Miner.....	Fall of slate.....	Hip and back injured.
273 Campbells Crk. No. 1.....	Van Mead.....	9-26 '06	American.....	20 yrs.....	43	Trackman.....	Fall of stone.....	Head and ankle hurt.
274 Nuckolls.....	John Dunn.....	9-15 '06	American.....	20 yrs.....	43	Mine Foreman.....	Mine car.....	Leg broken.
275 Black Band No. 3.....	R. D. Hoover.....	11-3 '06	American.....	8 yrs.....	22	Driver.....	Mine car.....	Arm broken.
276 Black Cat.....	Wm. A. Canterbury.....	11-7 '06	American.....	36 yrs.....	65	Miner.....	Fall of slate.....	Fracture of neck.
277 Cherokee.....	Samuel Merquen.....	11-22 '06	Italian.....	2 yrs.....	22	Miner.....	Fall of coal and slate.....	Body and head hurt.
278 Keystone.....	Dert Fram.....	11-26 '06	American.....	3 yrs.....	15	Motor helper.....	Fall of coal and slate.....	Leg broken bet. knee & ankle.
279 Cherokee.....	Henry Weese.....	11-26 '06	American.....	2 yrs.....	14	Trapper.....	Mine car.....	Index finger cut off left hand.
280 Hugheston No. 2.....	Frank Woods.....	12-10 '06	Negro.....	15 yrs.....	33	Machine runner.....	Fall of slate.....	Broken leg and bruises.
281 South Carbon.....	Pete Wilson.....	12-10 '06	American.....	5 yrs.....	30	Miner.....	Fall of coal and slate.....	Back and hips bruised, scalp wound.
282 Keystone.....	G. W. Johnson.....	12-11 '06	American.....	.....	58	Miner.....	Fall of coal and slate.....	Compound frac. of ankle.
283 Belmont.....	Harry Hillard.....	12-28 '06	American.....	.....	21	Unhooker.....	Mine car (outside).....	Toe mashed necess. ampu n.
284 Hugheston No. 3.....	T. J. Alexander.....	1-2 '07	American.....	10 yrs.....	26	Miner.....	Fall of slate.....	Broken thigh.
285 Hugheston No. 3.....	Frank Fry.....	1-2 '07	American.....	sev yrs.....	25	Machine runner.....	Mining machine.....	Right foot cut off above ankle
286 Cherokee.....	John W. Campbell.....	1-5 '07	American.....	20 yrs.....	53	Miner.....	Fall of coal.....	Right arm lacerated.
287 Butler.....	Pat Kirk.....	1-9 '07	American.....	5 yrs.....	23	Miner.....	Fall of slate.....	Leg broken, back broken.
288 No. 2 Gas Cannellton.....	Aleck White.....	1-9 '07	Negro.....	20 yrs.....	40	Miner.....	Fall of slate.....	Knee badly wrenched.
289 Kayford.....	Mont Hunter.....	1-9 '07	American.....	3 yrs.....	24	Miner.....	Fall of slate.....	Scalp wound, sprained leg.
290 Butler.....	Grif Jarrell.....	1-11 '07	American.....	5 yrs.....	24	Machine runner.....	Flying coal from shot.....	Hip and legs bruised.
291 Butler.....	Clifton Halstine.....	1-19 '07	American.....	2 yrs.....	18	Lab. on tippie.....	Retarding door fell.....	Third finger right hand split, four fingers mashed.
292 W. Va. No. 1.....	John Babus.....	1-26 '07	Polish.....	18 mos.....	35	Miner.....	Premature exploslon.....	Face and hands burned.
293 Republic No. 3.....	John Stover.....	2-25 '07	American.....	.....	25	Loader.....	Blown out shot.....	Hands, face and back burned.
294 Winfred South.....	Mart Toney.....	3-11 '07	American.....	15 yrs.....	58	Miner.....	Fall of slate.....	Leg broken.
295 Morlon.....	Everett Buckland.....	3-12 '07	American.....	2 wks.....	22	Miner.....	Fall of slate.....	Face and back bruised.
296 Republic No. 3.....	Van Stover.....	4-2 '07	American.....	4 yrs.....	28	Machine man.....	Fall of coal.....	Left hip bruised.

297	Empire.....	John Vitcoski.....	4-3 '07	Polish	18 mos.	38	Mach. runner	Chain of mining mach.	Ankle and foot lacerated.
298	Morton.....	Michael Shannon.....	4-8 '07	Irish	30 yrs.	35	Miner.....	Mine car.....	Ribs broken, ankle sprained.
299	South Carbon.....	Ote Thomas.....	4-25 '07	American	21	Motor helper	Riding on water car ..	Left shoulder hurt.	Internal injuries.
300	H. & S. Co. No. 5.....	Albert Seiverson.....	5-27 '07	American	10 yrs.	30	Miner.....	Fall of coal.....	Leg fractured.
301	Sunday Ok. No. 101.....	Albert McSurley.....	5-2 '07	American	4 yrs.	18	Driver.....	Struck by fore foot of mule.....	Fract. of leg and left thigh.
302	Banner No. 1.....	Amenzio Fuloney.....	5-8 '07	Italian.....	1 yr.	30	Miner.....	Fall of slate.....	Body bruised.
303	Lamont No. 3.....	A. L. Stover.....	5-17 '07	American	30	Loading Contractor	Fall of slate.....	Arm broken.	Calf of leg mashed.
304	Winifrede North.....	Will Carter.....	6-18 '07	American	3 yrs.	17	Driver.....	Thrown from mule (out side).....	
305	Winifrede West.....	John Edleman.....	6-18 '07	American	2 yrs.	16	Spragger.....	Mine cars.....	
306	Linden.....	Mark P. Roush.....	6-13 '07	American	6 yrs.	23	Miner.....	Fall of slate.....	Back and ear injured.
307	Gauden.....	Ian Harrison.....	6-28 '07	American	14 yrs.	26	Rock miner.....	Premature explosion.....	Arm, face and eye injured.
308	Gauden.....	William Knapp.....	6-28 '07	American	4 mos.	24	Laborer.....	Premature explosion.....	Face injured.
309	Hardford.....	George Burris.....	6-20 '07	American	15 yrs.	45	Miner.....	Premature explosion.....	Left leg broken.
310	Raven.....	Miles Morris.....	3-20 '07	American		32	Miner.....	Fall of slate.....	Dislocated vertebra.
311	Beckley.....	Alonzo Parlson.....	12-10 '06	American	2 mos.	16	Laborer.....	Fall of slate.....	Ankle broken.
312	Wright No. 1.....	James Gill.....	1-11 '07	American	15 yrs.	30	Miner.....	Premature explosion.....	Face and eyes burned.
313	Wright No. 1.....	Walter Gill.....	1-11 '07	American	10 yrs.	25	Miner.....	Premature explosion.....	Hand lacerated, face burned.
314	Wright No. 1.....	Solomon Shanklin.....	5-9 '07	Negro.....	25	Driver.....	Mine car.....		Bones in leg broken, back burned.
315	Yuma.....	Wm. L. Stevens.....	2-16 '07	American		35	Miner.....	Blown out shot.....	Hands and face burned.
316	Yuma.....	Jules Benjtsen.....	2-16 '07	Swede		25	Laborer.....	Blown out shot.....	Hands and body burned.
317	Grapevine.....	Nicola Russo.....	7-5 '06	Italian.....	14 mos.	20	Miner.....	Fall of slate.....	Fracture of bones left ankle, side and back bruised.
318	Lynn.....	Robert Smith.....	10-15 '06	Negro.....	2 yrs.	30	Driver.....	Fall of slate.....	Leg broken.
319	Lack Fork.....	Ladslar Barati.....	10-20 '06	Hungarian	42	Miner.....	Flying coal from shot.....		Spine and pelvis injured.
320	Thacker No. 2.....	Hi Willis.....	2-6 '07	American	4 yrs.	17	Brakeman.....	Mine cars.....	Fracture of rib, foot mashed.
321	War Eagle.....	G. Blankenship.....	3-6 '07	American	3 yrs.	20	Miner.....	Fall of slate.....	Jaw broken.
322	Grapevine.....	Henry Frith.....	5-30 '07	American	10 yrs.	28	Miner.....	Fall of slate.....	Collar bone fractured, hand mashed.
323	Dixon Poca Shaft.....	Landon Whiteside.....	7-19 '06	Negro		24	Laborer.....	Decending shaft toreh ignited gas.....	Hands and face burned.
324	Algoma.....	Leonard McKinney.....	7-31 '06	American	2 yrs.	17	Miner.....	Fall of slate.....	Laceration of hips.
325	Turkey Gap.....	Frank Thompson.....	8-1 '06	Negro	3 yrs.	25	Spragger.....	Mine cars.....	Compound fracture of leg.
326	Elkhorn.....	John Greer.....	8-8 '06	American	14	Oiler.....	Mining machine	Piece of timber(outside)	Leg broken.
327	Algoma.....	Sam Lester.....	8-9 '06	American	18 mos.	28	Miner.....	Fall of slate.....	Leg bruised.
328	Bottom Creek.....	Mike Macur.....	8-10 '06	Russian	1 yr.	15	Switchtender	Fell off motor.....	Back and side bruised.
329	Pulaski.....	Robt Liddle.....	8-11 '06	American	5 yrs.	19	Brakeman.....	Mine cars.....	Right arm broken.
330	Middle States.....	L. D. Conner.....	8-16 '06	American					Rupture of urethra.

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

No.	NAME OF MINE.	Name of Person Injured.	Date of Accident.	Nationality.	Length of Experience	Age	Occupation	Nature of Accident.	Injuries Sustained.
	McDowell Co. Cont'd								
331	Middle States.....	W. B. Belcher.....	8-22 '06	American	15 days	21	Mach. helper	Mining machine	Leg broken.
332	Middle States.....	Tony Archie.....	9-1 '06	Italian	30	30	Shot firer	Premature explosion...	Eyes injured by flying coal.
333	Cambridge.....	Marlin Wellman...	9-4 '06	American	22	22	Driver	Mine cars	Arm broken.
334	Pulaski.....	Dave Jones.....	9-10 '06	Negro	1 year	25	Laborer (outside)	Railroad cars	Compound frac. left thigh.
335	Pulaski.....	Dexter Stone.....	10-13 '06	American	8 mos.	20	Statenman	Fall of slate	Fracture left ankle.
336	Pulaski.....	Andrew Gee.....	10-13 '06	Negro	6 mos.	20	Driver	Mine car and trap door.	Fracture left arm.
337	Pulaski.....	George Patrick.....	10-19 '06	Hungar'n	2 yrs.	19	Miner	Fall of slate.	Fracture sternum & clavicle.
338	Ashland.....	Leonard Gilbert....	10-27 '06	American	1 year	16	Brakeman	Mine car and rib.	Concussion of brain, back bruised.
339	Algonia.....	Walter George.....	11-1 '06	Negro	.....	21	Tippelman	Coalting engine, train started...	One bone broken in leg.
340	Blackstone No. 1....	Annato Rosario.....	11-5 '06	Italian	.....	24	Miner	Powder explosion....	Face, arms, back and legs burned.
341	McDowell.....	Zaccoli Francesco....	11-12 '06	Italian	6 wks.	30	Miner	Fall of coal.	Compound fracture ankle.
342	Bottom Creek.....	Ples Ewell.....	11-19 '06	Negro	.....	30	Miner	Fall of slate	Potts fracture left leg.
343	Pulaski.....	Tony Leonette.....	11-23 '06	Italian	2 mos.	20	Miner	Fall of coal	Fracture left leg.
344	Pulaski.....	Robert Webster.....	11-28 '06	American	8 mos.	15	Laborer	Mine car (inside)	Lacerated right foot.
345	Shawnee.....	Munsey A. Sexton....	12-1 '06	American	.....	27	.....	Fall of slate	Fracture of right leg.
346	Pulaski.....	Nick Sarush.....	12-3 '06	Italian	3 mos.	26	Laborer	Dynamite explosion...	Left eye and arm injured.
347	Algonia.....	Paul Manky.....	12-3 '06	Hungar'n	se. yrs.	35	Miner	Fall of slate	Fracture of left eye.
348	Keystone.....	Ivan Washington....	12-6 '06	Negro	se. yrs.	30	Miner	Powder explosion....	Legs and hands burned.
349	McDowell.....	Wm. Reddix.....	12-8 '06	Negro	se. yrs.	17	Driver	Mine cars	Sprained ankle.
350	Keystone.....	Peter Percy Yglesias	12-10 '06	Japanese	3 yrs.	20	Miner	Fall of coal	Crushed through hips.
351	McDowell.....	John Brantley.....	12-11 '06	Negro	2 mos.	20	Miner	Fall of slate	Eye cut, sprained ankle.
352	Page O. Co. No. 1....	Giles Lumzie.....	12-11 '06	Negro	.....	30	Miner	Fall of slate	Arm broken.
353	Pulaski.....	William Smith.....	12-12 '06	Negro	8 yrs.	34	Miner	Fall of slate	Right leg broken, ribs broken
354	Empire.....	Wm. Branch.....	12-14 '06	Negro	5 yrs.	30	Miner	Fall of slate	Hips bruised.
355	Pulaski.....	Felix Hodnett.....	12-14 '06	Negro	12 yrs.	27	Laborer	Explosion of 400 kegs of powder (outside)....	Hands, face, chest and arms burned.
356	"	Tyler Hairston.....	12-14 '06	Negro	3 yrs.	24	Laborer	do	Hands, face and chest burned
357	"	George Bland.....	12-14 '06	Negro	4 yrs.	22	Laborer	do	Face and arms burned.
358	"	Oscar Cowan.....	12-14 '06	American	1 year	26	Laborer	do	Face, arms, hands and back burned.
359	Berwind No. 1.....	Steve Judy.....	12-16 '06	Hungar'n	2 yrs.	38	Statenman	Explosion of dynamite.	Face and hands lacerated & eyes injured.
360	Lynchburg.....	Jno. S. Hoston.....	12-17 '06	Negro	7 yrs.	24	Driver	Fall of slate	Back hurt.
361	U. S. No. 7.....	Toney Lapski.....	12-18 '06	Polish	2 yrs.	30	Miner	Fall of slate	Left leg broken.

362 Bottom Creek	Frank Polyn	12-21 '06	Polish	24 Miner	Fall of slate	Toes mashed.
363 Peedess	Dominiek Mintie	12-21 '06	Italian	30 Miner	Fall of coal	Jaw broke, ear cut off, breast mashed.
364 McDowell	Arthur Hamilton	12-26 '06	American	25 Boss Driver	Mine car and top coal	Back injured.
365 Crozer No. 1	Jack Coela	1-2 '07	Italian	40 Miner	Powder explosion	Face and arms burned.
366 Dixon-Peachontas	Geo. Patrosky	1-3 '07	Polish	25 Shaft Sinker	Mine car and roof	Mashed toe, frac. shoulder.
367 Keystone	John W. Wilkins	1-7 '07	Polish	20 Driver	Mine cars	Leg broken.
368 Peedess	Loney Waller	1-8 '07	Negro	21 Miner	Mine car and roof	Head and body mashed.
369 Delta	James Calender	1-9 '07	Negro	21 Brakeman	Fall of slate	Leg cut off below knee.
370 Peedess	John Walker	1-10 '07	Negro	28 Mach Runner	Fall of slate	Leg mashed causing amput'n.
371 McDowell	Jeff Willis	1-12 '07	Negro	15 Miner	Fall of slate	Scalp wound, body bruised.
372 Pulaski	Jas. L. Marshall	1-21 '07	Negro	39 Driver	Mine cars	Face bruised, fractured right fibula.
373 Bottom Creek	A. B. Freeman	1-23 '07	Polish	33 Miner	Fall of slate	Fractured rib, contused back.
374 Puaski	Roso Salary	1-24 '07	Italian	25 Miner	Fall of coal	Arm, elbow and shoulder bruised.
375 Keystone	Henry Greenwood	1-25 '07	Negro	25 Laborer	Mine cars	Contused knee.
376 Empire	Jack Weatherford	1-25 '07	Negro	50 Miner	Premature explosion of dynamite	Loss of both eyes, laceration of face, arms and shoulders.
377 Turkey Gap	Eli Washington	1-28 '07	Negro	14 Spragger	Mine cars	Collar bone broken.
378 Bottom Creek	John Tefsic	1-29 '07	Polish	50 Miner	Fall of coal	Broken pelvis, collar bone broken.
379 Turkey Gap	Wash Belts	1-31 '07	Russian	28 Miner	Explosion of cartridge	Face, arms, hands and legs burned.
380 Elk Ridge	James Draper	2-5 '07	Negro	35 Miner	Mine car and coal	Leg broken above knee.
381 Pulaski	Atley Stone	2-7 '07	American	18 Laborer	Mine cars	Great toe mashed.
382 Tidewater	Jesse Penn	2-8 '07	Negro	22 Slateman	Fall of slate	Right leg broken above ankle.
383 Bottom Creek	Frank Fishier	2-14 '07	German	40 Miner	Powder exp. (outside)	Body burned.
384 Bottom Creek	John Podtiski	2-14 '07	German	22 Miner	Powder exp. (outside)	Body burned.
385 Arlington	St. Fowler	2-18 '07	American	45 Truckman	Mine cars	Shoulder, side & foot mashed.
386 Crozer No. 2	Charlie Tampo	2-18 '07	Hungarian	30 Miner	Fall of slate	Rib broken, head bruised.
387 Crozer No. 2	Evin Tampo	2-18 '07	Hungarian	17 Miner	Fall of slate	Ankle broken.
388 Tidewater	Robert Hamlet	2-19 '07	Negro	25 Laborer	Caught bet car and coal	Bruised left shoulder, ribs dislocated.
389 McDowell	E. M. Conner	2-21 '07	American	25 Miner	Fall of slate	Contused back and hip.
390 Tidewater	Richard Brown	2-21 '07	Negro	40 Miner	Fall of slate	Heel and foot bruised.
391 Tidewater	Wm. Quarles	2-22 '07	Negro	38 Miner	Mine cars	Broken leg.
392 Tidewater	Harry Campbell	2-22 '07	American	20 Laborer	Railroad cars	Hand crushed, two fingers amputated.
393 Powhatan	Jack Cossacks	2-22 '07	Greek	20 Miner	Fall of coal	Ankle bruised.
394 Page	John Roman	2-22 '07	Hungarian	22 Miner	Mine car and coal	Legs and hips bruised.
395 Pulaski	Frank Preola	3-4 '07	Italian	20 Miner	Fall of coal	Left ankle sprained.
396 McDowell	Robt. Taylor	3-8 '07	Negro	18 Miner	Powder explosion	Hands, arms & face burned.
397 Empire	J. A. Wright	3-11 '07	Negro	25 Miner	Fall of slate	Potts fracture left leg.
398 Turkey Gap	Oscar Blashook	3-27 '07	Russian	36 Miner	Fall of coal	Scalp wounds, side and back bruised.
399 Pulaski	Robt. Preston	4-1 '07	Negro	14 Trapper	Mine cars	Foot and hip mashed.

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1907.

No.	NAME OF MINE.	Name of Person Injured.	Date of Accident.	Nationality.	Length of Experience.	Age.	Occupation.	Nature of Accident.	Injuries Sustained.
400	<i>McDowell</i> Co. Cont'd								
401	Elk Ridge.....	Bad Hosten.....	4-5 '07	Negro.....	6 mos.	20	Laborer.....	Fall of slate.....	Broken leg.
401	Pulaski.....	Frank Sproles.....	4-9 '07	American.....	2 yrs.	24	Laborer.....	Mine cars.....	Eye injured, contusion of back.
402	Pulaski.....	W. H. Linkenhoker.	4-12 '07	American.....	3 mos.	25	Miner.....	Mine cars.....	Foot crushed.
403	Algona.....	Richard James.....	4-17 '07	Negro.....	26	Driver.....	Mine cars.....	Mine cars.....	Fracture of left thigh.
404	Louisville.....	Ed Buchanan.....	4-22 '07	American.....	48 yrs.	35	Mine Boss.....	Dynamite shot.....	Head, eye and nose injured.
405	Bottom Creek.....	John Rippy.....	4-24 '07	Negro.....	10 yrs.	35	Miner.....	Explosion of powder.....	Face and hands burned.
406	Hemphill.....	J. W. Smith.....	4-24 '07	American.....	25 yrs.	43	Miner.....	Explosion of powder.....	Hands, face, neck and chest burned.
407	Ida.....	Tony Zeval.....	5-1 '07	Italian.....	34	Laborer.....	Fall of rock.....	Fall of rock.....	Shoulder, side and thigh bruised.
408	Pulaski.....	Joeola.....	5-3 '07	Hungarian.....	2 yrs.	48	Laborer.....	Fall of slate.....	Contusion of left thigh.
409	Zenith.....	J. P. Pennington.....	5-8 '07	American.....	2 yrs.	40	Miner.....	Mine car.....	Fract. ribs, contusion of side.
410	Imo.....	Taylor Duggett.....	5-10 '07	American.....	22	Miner.....	Fall of slate.....	Fall of slate.....	No injury.
411	Empire.....	Geo. Teet.....	5-24 '07	Negro.....	6 yrs.	20	Trackman.....	Fall of slate.....	Fracture of left leg.
412	Elkhorn.....	B. n. Rotch.....	5-28 '07	Hungarian.....	3 yrs.	24	Slaterman.....	Fall of slate.....	Scalp cut, leg bruised.
413	Elkhorn.....	Waltman Huff.....	5-29 '07	Negro.....	2 yrs.	20	Driver.....	Mine car and coal.....	Body and hips bruised.
414	Crozer No. 1.....	Melvin Tates.....	6-1 '07	American.....	1 yr.	15	Trapper.....	Fall of slate.....	Ankle sprained.
415	Banner No. 1.....	Charles White.....	6-3 '07	American.....	16 yrs.	31	Machine runner.....	Fall of slate.....	Fracture left leg.
416	Berwind No. 1.....	James Blue.....	6-5 '07	Negro.....	4 yrs.	21	Machine helper.....	Mining machine.....	Bone of left leg broken.
417	Antier.....	Alexander Bradshaw.....	6-10 '07	American.....	3 yrs.	22	Loader.....	Keg of powder rolled down incline.....	Broken leg.
418	Elkhorn.....	Wheeler Robinson.....	6-10 '07	Negro.....	6 yrs.	20	Driver.....	Fall of slate.....	Leg broken above knee.
419	Elkhorn.....	John Furto.....	6-12 '07	Hungarian.....	35	Slaterman.....	Fall of slate.....	Fall of slate.....	Leg broken below knee.
420	Houston No. 1.....	Nathan Moseley.....	6-19 '07	Negro.....	12 yrs.	30	Miner.....	Fall of slate.....	Scalp wound.
421	Imo.....	Robt. McCray.....	6-20 '07	Negro.....	2 yrs.	32	Laborer.....	Mine car and top coal.....	Slightly.
422	Pulaski.....	John Alley.....	6-24 '07	American.....	2 yrs.	32	Laborer.....	Sprocket wheel & chain.....	Fracture right arm.
423	Imo.....	S. S. Harris.....	6-25 '07	American.....	59	Mine Boss.....	Mine car.....	Mine car.....	Broken nose, broken wrist.
424	.....	T. C. Grutchfield.....	6-25 '07	American.....	30	Miner.....	Mine car.....	Mine car.....	Broken rib.
425	Tidewater.....	David Sneed.....	6-25 '07	American.....	2 yrs.	30	Miner.....	Fall of coal.....	Potts Fracture left leg.
426	Monitor.....	Frank Stansletto.....	6-25 '07	Italian.....	1 yr.	18	Miner.....	Blow on shot, ignited keg of powder.....	Breast, back & face burned.
427	Berwind No. 2.....	Antonio Cerena.....	6-28 '07	Italian.....	1 mo.	35	Slaterman.....	Premature shot.....	Right hand blown off.
428	Bottom Creek.....	H. M. Bratcher.....	6-29 '07	Negro.....	26	Miner.....	Mine car.....	Mine car.....	Chest bruised.
429	<i>Meyer</i> County.								
429	Pinnacle.....	Henry P. Hawkes.....	7-23 '06	American.....	6 mos.	29	Miner.....	Fall of slate.....	Fracture of thigh.
430	Buckeye.....	Arthur Hodgson.....	9-6 '06	American.....	10 yrs.	22	Driver.....	Mine car and coal.....	Heel cut off.
431	Coaldale.....	Sanders Hairston.....	9-10 '06	Negro.....	10 yrs.	30	Miner.....	Fall of slate.....	Fracture of bone in leg.

432	Mill Creek.	Samuel H. Adams.	9-12 '06	Negro.	4 yrs.	24	Driver.	Mine cars.	Fracture of bones in right leg.
433	Thomas.	John Lambert.	11-20 '06	Negro.	10 days	21	Miner.	Experimenting with powder.	Face and hands burned.
434	Thomas.	Spencer Graves.	11-20 '06	Negro.	10 days	22	Miner.	Experimenting with powder.	Face and hands burned.
435	Coaldale.	Lindsay Reynolds.	12-12 '06	Negro.	3 yrs.	16	Car Coupler.	Mine cars.	Finger of hand lacerated.
436	Pinnacle.	Nicholas Savino.	1-5 '07	Italian.	20 mos.	26	Laborer.	Mine car (outside).	Fracture left leg, hip bruised.
437	Crane Creek No. 2.	Peter Bowman.	1-7 '07	American	7 yrs.	60	Miner.	Fall of slate.	Ankle sprained & hip bruised.
438	Mill Creek.	J. Henry Byrd.	1-16 '07	American	2 mos.	19	Trackman.	Fall of coal.	Scalp wound, face cut.
439	Pinnacle.	Rudolph Stube.	2-4 '07	German.	4 mos.	35	Miner.	Fall of slate.	Leg bruised, chest and back injured.
440	Mill Creek.	Luther Lester.	2-7 '07	American	6 mos.	28	Brakeman.	Mine cars.	Right thigh fractured.
441	Crane Creek.	Frank Karad.	3-18 '07	German.	2 yrs.	38	Miner.	Fall of slate.	Foot mashed.
442	Crane Creek.	H. D. Ems.	4-16 '07	American	se yrs.	20	Miner.	Mine car and rib.	Dislocated hip.
443	Booth-Bowen.	Landon Hale.	4-25 '07	American	18 yrs.	46	Miner.	Fall of slate.	Head lacerated, skull frac.
444	Pawama.	Saby Cammorelli.	4-30 '07	Italian.	1 year	13	Trapper.	Mine car (outside).	Foot cut from ankle to toe.
445	Buckeye.	Geo. S. Brown.	5-9 '07	American	6 yrs.	24	Miner.	Fall of slate.	Arm broken, leg fractured.
446	Pinnacle.	J. Elliott Tilley.	5-21 '07	American	se yrs.	19	Miner.	Fall of slate.	Back and hips bruised.
447	Louisville.	Robert Kirk.	6-4 '07	American	4 yrs.	28	Miner.	Fall of coal.	Leg bruised.
448	Goodwill.	Robert Windbust.	6-20 '07	Negro.	4 yrs.	28	Miner.	Fall of slate.	Left foot crushed.

FATAL ACCIDENTS.

For the Year Ending June 30, 1907.

BROOKE COUNTY.

July 27, 1906. Steve Orost, Beech Bottom No. 1 Mine, was struck by a fall of coal while in a stooping position and killed. Fall was 4 to 6 inches thick over an area of 8 square feet.

MARION COUNTY.

July 17, 1906. John Sztaskovic, Montana Mine, was killed by coming in contact with an electric wire as he was going in the mines to his work.

July 26, 1906. Simon Shultz, Monongah Mine No. 5. He had finished a place and had taken his turn out and had taken one cut out of a new place, but went back to the one he had left to take some coal off of the stump, and in doing so he took the support from under the rock, causing it to fall which resulted in instant death.

September 20, 1906. Salvatore Marra, Gaston Mine, while riding in a car to his work in the mines attempted to get out. In rising from a sitting position he struck his head or neck against the trolley wire, receiving a severe shock from which he never recovered, dying some twenty minutes later.

October 19, 1906. Sandor Reeves, Hutchinson Mine. He was coming up the heading with two loaded cars. It is supposed he was standing on the head end of the car opposite the brake. In some manner he was caught between the car and rib and crushed to death.

October 19, 1906, died November 2, 1906. Robert Dunn, Federal Shaft Mine, was calking six inch air line at flange joint when the pipe pulled out of the flange the air pressure struck him in the face which penetrated lungs and tissues. Was sent to the hospital where he died.

November 3, 1906. Lark Hawkinberry, Federal Shaft Mine, was ascending on cage with six other men and by some unexplained cause fell from cage to bottom of shaft, killing him instantly.

November 8, 1906. John Urah, Anderson Mine, while assisting Geo. Garlock to load his car, stooped down to clean some coal from under the car wheels when 1000 pounds of slate fell on Urah, killing him instantly.

November 9, 1906. Andrew Fikan, Monongah No. 6 Mine, had been engaged in cleaning up a little fall of slate but left in order to get a pick. When coming back a fall of slate came, catching him under full weight of same.

November 13, 1906. Martin L. Summers and Chas. Drake, King Mine, both being drivers, were bringing out 26 loaded mine cars when they lost control of the cars. The cars jumped the tract at the bottom of heading and caught Summers between rib and car, causing instant death.

December 24, 1906. W. T. Croy, New England Mine, was delivering five barrels of cement to Gaston Mine. There is a slight grade in road

at point where accident occurred and in some manner he fell off seat of wagon in front of wheels and was run over by same and killed instantly.

April 26, 1907. Thomas McCauley, Middleton Mine, with Mike Katwaski, his partner, was working on pillar No. 2 which had been drawn nearly to the heading stump. They were taking off the last piece. The stump being about 5 by 8 ft. and was mined through all but about 3 ft. on end next to track and a small piece under the loose end left for a sprag. McCauley told his partner to cut this sprag out which he refused to do, saying it was not safe to take it out, but they would shoot it out. McCauley insisted the sprag be mined out and took his pick and went to work at it himself. His partner got him away but he returned and worked at it again and had only struck a few times when about half of the stump fell on him, killing him instantly.

May 3, 1907. Alonzo Harr, New England Mine. Motor was backing a trip of 26 cars, 15 of them loaded with slate. The 15 loads and 2 empties became detached from motor trip and started down grade towards No. 5 side track. Harr was sitting on the rear car, evidently rode the trip about 800 feet before attempting to get off and in so doing was so badly injured that he died in about two hours after arriving at the hospital.

June 1, 1907. Tony Matza, Hutchinson Mine, and his brother were working on No. 1 pillar off 10th right. They had fired a shot sometime in the morning leaving some draw slate along the right rib. While Tony was shoveling under this slate it gave way without warning and fell directly on him, killing him instantly.

June 14, 1907. Charles M. Roy, Chatham Shaft Mine, while sitting in the mine a pot of slate weighing about one ton fell upon him, fracturing his spinal column.

MONONGALIA COUNTY.

March 23, 1907, died April 5, 1907. Vincenese Calio, Elkins No. 5 Mine, with two others undertook to coast a loaded railroad car down the grade when the car reached the safety switch they all jumped off. Calio either jumped or fell off on the track in front of the car which passed over him resulting in injuries from which he died.

MARSHALL COUNTY.

October 11, 1906. Andy Felock, Henderson Mine, was working in No. 5 room, 17th right heading. Draw slate was all down. Had cleaned his room nicely and was in the act of loading his car when a roll of slate dropped on him, causing death in about three and one-half hours afterwards.

December 17, 1906. Andy Oreb, Glendale Shaft Mine, had just fired a shot and commenced loading the coal before taking down the stone that had been made loose by the shot, when the stone fell on him.

January 24, 1907, died January 26, 1907. John Nimie, Hitchman Mine,

was coming out of the mine after the day's work was finished. Instead of going by the man-way, attempted to come up the empty track and was caught by a trip of empty cars.

February 1, 1907. Michael Rednack, Glendale Shaft Mine, was just finishing last car. Had neglected to remove piece of stone which was hanging on side of his room. As he stepped under for a shovel of coal it let go, falling on him.

May 13, 1907. Oliver Ushman, Benwood Mine, was just finishing loading a car of coal, having neglected to set a prop to secure safety the roof fell and killed him instantly.

OHIO COUNTY.

April 29, 1907. Valentine Marcinieck, Elm Grove Shaft Mine, came in contact with a live electric wire in the mine and was instantly killed.

May 30, 1907. Frank August, Richland Mine, was at work in the mine when a fall of slate came on him.

HARRISON COUNTY.

October 24, 1906. Andrea Fizena, Perry Mine, was going home from work, riding on the front end of loaded trip. For some unknown reason he attempted to get off on the wrong side and was caught between the car and rib.

November 2, 1906. Petro Cabro, Two Lick Mine, was killed by a fall of coal. It seems as though a shot had made a large crack behind the projecting coal while splitting the stump and after mining a short time the projecting coal fell.

January 4, 1907. Mike Svdrba, Enterprise Mine, was ordered to take down and clean up some slate. He found a large piece of slate hanging loose supported by one prop, thinking it would not fall took his shovel and commenced cleaning the track under this piece of slate. When all at once the slate broke loose, the corner striking him on the head.

January 28, 1907. Antony Pasqualla, Girard No. 2 Mine, was getting up into coal chute outside for some unknown reason when the coal was dumped into the chute causing him to be carried through into the car that was being loaded. He was so badly mashed that he died instantly.

February 11, 1907. Tony Secreto, Gypsy Mine, was engaged in loading coal when a fall came knocking down a prop, the prop striking him on the head knocking him down and the edge of the fall of coal and slate struck him across the back.

April 2, 1907. died April 15, 1907. Slavatore Pulie, Riverdale Mine, was loading his car. He became afraid of the roof so took his pick to sound it and as soon as he struck the roof it came loose catching him under it, injuring his back so seriously that he died at the Miners Hospital about two weeks later.

May 2, 1907. Orie Morris, Enterprise Mine, was loading a car when about half done a pot of slate, weighing about a ton, dropped on him. One or two props would have made the place safe and they were on hand but he neglected to use them.

June 5, 1907, died July 6, 1907. James Marino, Solon Mine, was loading a car of coal when a piece of slate fell on him, causing internal injuries from the effects of which he died at the Miners Hospital.

TAYLOR COUNTY.

July 3, 1906. John Suprie, Sandlick Mine, was mining and had a loose end of breast coal which fell on him. He had been warned by his partner that the coal was not safe.

UPSHUR COUNTY.

January 26, 1907. Glenn Miles, H. H. Fox, Asbury Bailey, Bruce Johnson, Charles Boserman, Tony Ritchie, Nedz Caprit, Joe Caprit, Nedz Lester, Louis Nespech, Joe Alluni and Dominich Pochick, Penco Mine, were killed by an explosion of powder. A detailed description of this accident will be found in the appendix to this report.

MINERAL COUNTY.

August 23, 1906, died August 26, 1906. Richard L. Hubbs, Gleason Mine, was shifting railroad car and the brake stick broke, causing him to fall between the cars and he was caught by the draw heads.

PRESTON COUNTY.

September 27, 1906. William McCorkle, Atlantic Mine, was assisting to replace a machine truck that had run away and jumped off the track at the mouth of No. 3 room, and was caught by a fall of slate.

January 23, 1907, died October 28, 1907. Pierce R. Collins, Shradler Mine, had his back broken by a fall of coal, from the effects of which he afterwards died.

January 31, 1907. Charles Pacilly, Irona No. 2 Mine, was riding on the front end of a loaded car; lost his hold on the car and fell in front of same. As he was a driver his position should have been on the rear end of the car.

April 18, 1907. Joseph Barberia, Bretz No. 2 Mine, was working with three other men shoveling back pulverized coal in a bin when he fell into the coal and was suffocated before he could be taken out.

RANDOLPH COUNTY.

October 27, 1906. Santos Crisifola, Coalton or No. 1 Mine, was climbing between two mine cars and came in contact with the trolley wire which had a current of 550 volts. Death was practically instantaneous.

May 25, 1907. Augusto Ambrosini, Weaver No. 2 Mine, after making a shot in the top coal which did nothing but loosen same instead of taking down the binder which he should have done, commenced working under it when without warning it gave way and fell on him.

TUCKER COUNTY.

February 4, 1907. Oscar Allen, Jack Stucine, Frank Beziac, Frank Shovitch, Joe Beziac, Paul Keroock, Tom Polowicz, Joseph Arcari, Adam Bermuda, Constatine Karolis, John Sabowsky, Frank Polowicz, John Serpone, Ernest Bennomento, Harry Lastroppo, Frank Ferrin, Ralph Dandrea, Patsy Doneglas, Sullivan Liberatori, John Scarponi, Tom Scarponi, Vincent Bottice, Chas. Panepjinto, Felix Julian and Daniel R. Jones, Thomas No. 25 Mine were killed by an explosion of gas. A detailed description of this accident will be found in the appendix to this report.

March 5, 1907. William Belchumis, Thomas No. 25 Mine, was loading a mine car when a piece of slate fell, striking him, causing injuries from which he died.

FAYETTE COUNTY.

July 9, 1906. John Tucker, Echo Mine, was drawing a pillar when a fall of slate came. He should have examined the roof, if he had he would have seen that the slate was loose.

July 12, 1906. Napoleon Minnis, Fire Creek Mine, was riding a trip of mine cars from the mine to the tippie and got on top of the loaded cars and walked to the front end of trip. Just as the cars were nearly stopped he jumped in front of them, stumbled and fell on the track. Two of the cars ran over him.

July 13, 1906. Joe Sparti, Boomer No. 2 North Mine, was at work in his room when a fall of slate came striking him on the head.

July 31, 1906. Noe Pietro, Buffalo Mine, in attempting to get on a moving train while passing some timbers which were near the train he was thrown down and several of the cars passed over his body.

August 6, 1906. Chas. Garrant, Elverton Mine, was drawing entry stump when slate, which was hanging from the entry rib partially over the entry, fell on him, killing him instantly. His attention had been previously called to this slate.

August 8, 1906. Ed Layton, Edgewater No. 2 Mine, went to see what was wrong with a mine car that got away and jumped the track, and while leaning over the car slate fell and killed him.

August 8, 1906. John Huffman, Echo Mine, was drawing entry stumps when slate fell on him. He commenced to work without making an examination of the place.

August 13, 1906. Henry Springer, Boomer No. 2 North Mine, was at work in his room when a large piece of slate fell and killed him. He was found dead by the driver who went to get his loaded car.

September 8, 1906. Ambus Green, Chapman or Elverton Mine, worked with Ike Camper. Having fired a shot they were standing in neck of room where Jake Long worked. A car just delivered to Long was left standing on entry. He asked the deceased to assist him in switching this car. Both men took hold of the rear end of car and were pushing it along when Green came in contact with the machine wires strung along the rib by placing his hand on the wires instead of the rib. Long tried

to pull him away but could not hold to him, he then pushed him away from the wire with a post. Duration of contact about a half minute. The wire contained about 250 volts. He lived 5 or 10 minutes.

September 11, 1906. James Sezzie, Kilsyth Mine, was an inexperienced miner and while working alone making a cut a large lump of coal fell on him.

September 13, 1906. James Corn, Kilsyth Mine, was working with Richard Minor. They had finished loading a car at a break-through. Minor went to the face of the room to work leaving Corn to break up a lump of coal. Was away about five minutes when he returned and found Corn lying on his back dead. Supposedly died from heart disease as there were no external injuries.

October 5, 1906. W. W. Thomas, Meadow Fork Mine, was secretary of the Meadow Fork Coal Company, and was standing on the tippie. In letting cars over the knuckle at the top of the incline a link broke in the chain that is attached to the rope allowing the cars to run away down the incline. In the breaking up of the cars one of the pieces struck him.

October 10, 1906. Joseph Ollie, Minden No. 5 Mine, was working in No. 22 room on the 4th left. Had put wooden wedges over the slate to take it down, but they did not prove sufficient to bring it down, so he went to work again without securing the slate with timber. In digging out the coal that was supporting this slate, caused it to fall without warning on him.

October 29, 1906. Charles Zierito, Minden No. 2 Mine, worked in middle drift. Place was in first class condition. He had mined 14 feet across the face, shot the center out and had loaded out the coal and commenced to mine below the draw slate which fell on him.

November 23, 1906. Cologero Romano, Ansted Mine, in removing a short post in the mine preparatory to shooting up breast slate which caused the slate to fall on him.

November 24, 1906. Noah Johnson, Eureka Mine No. 13, was tightening rope on hoist engine, when the engine started and the edge of the drum or cross head knocked him down, splitting his skull.

December 7, 1906. Fred Douglas, Oakwood Mine, was coming out of a low room sitting on top of a loaded car and come in contact with a low place which crushed him between the car and the roof of the mine.

December 17, 1906. August Rick, Prudence Mine, was drawing pillars and was caught under a fall of slate weighing about a 1000 pounds.

December 18, 1906. Conlo Cartucci, Kisyth Mine, was making an undercut in the coal and was lying on his left side. The top coal fell on him crushing him.

December 20, 1906. Moses Jordan, Prudence Mine, was driving a mule in a room when a piece of slate fell on the mule. In his attempt to pass the mule a second piece of slate fell on him.

January 21, 1907. Ellis Ferguson, Columbus Iron & Steel Co's. No. 1 Mine, was a coke laborer and while watering the ovens prior to pulling out the coke when he suddenly fell forward on his face. Was taken in-

to one of the shanties where he died in about forty five minutes. Death thought to be due to heart failure.

January 29, 1907. The following persons were killed by an explosion of gas and dust in the Stuart Shaft Mine, a detailed account of which accident will be found in the appendix to this report:

James Bradley,
Enos Banks,
Stephany Geurs,
Mike Kryskzka,
John Fey,
Samuel Wolfsteinholme,
John Atkinson,
Ralph Love,
John Minner,
Andrew Sosimeck,
Otty Clendennin,
Norman Crouse,
Harry S. Colburn,
William Gordon,
T. S. Prather,
Gilcs Minner,
James Massey,
Charlie Smith,
C. A. Johnson,
Geet Skaggs,
Stanley Sichnowsky,
Judson Carter,
Stanley Polaus,
Raleigh Ison,
William Nakksook,
Hauley Barber,
Richard Lewis,
John Cowan,
Harry Loving,
James Klimak,
Cecil Crouse,
Michael Nydyszyn,
William Ison,
Walter Blake,
Thomas Harrigge,
Frank Loving,
Thomas Williams,
Earl Simpson,
James Bromer,
Rein Bendijson,
John Kwak,
Andrew Kwak,
George Dairs,

Shelton Mooney,
Richard Lee,
William Hawkins,
Henry Ross,
Alexander Turner,
Ballard Fitzpatrick,
Daird Fitz,
Isaih Fitz,
Thomas Estus,
Charlie Cam,
Robert McInair,
Arthur Thomas,
Sovenz Crubin,
William Kosz,
Thomas Zuel,
Mike Donnell,
Wm. McQueen,
Lester Loving,
Frank Pulaski,
Frank Light,
Wm. P. Sears,
Stephen Sedovei,
J. T. O'Boyle,
Joe Baur,
Dallas Love,
Samuel Howlett,
Wm. Walkden,
Cyrus Dairs,
T. M. Toney,
Jessie Arthur,
W. J. Hamilton,
James Eckersley,
W. M. Cook,
Charlie Vergil,
John Morris,
Gay Bryant,
Wilson Boone,
John Kalisz,
Charlie Coble,
Paul Jones,
Whit Bushmell,
Charlie Kwak,

February 11, 1907. Dink Harvey, MacDonald Mine, was robbing stump. Slate was broken over coal caused by side weight. In removing coal was caught on head by piece of slate weighing about 600 pounds, killing him instantly.

March 1, 1907. Ben F. Hudson, Mecca No. 5 Mine, was at work in the mine when the top coal fell striking him.

March 15, 1907. Emil Groman, Harvey No. 1 Mine, was working alone in his room. The driver found him beneath a large piece of slate which had fallen. The accident had evidently just occurred as the body was still warm.

March 18, 1907. Imbro Miksac, Ansted Mine, was working in the mine with his brother, who was an experienced miner, near the face in center of room when a piece of draw slate fell on him mashing him.

March 23, 1907. Spencer Railey, Harvey Mine, was waiting at a trap door to let a trip of cars pass. He lay down on the track and evidently went to sleep. The trip came along and before being noticed by the driver was run over; one car passing over him before cars could be stopped.

April 1, 1907. Charles H. Johnson, Ballinger, No. 1 Mine, was drawing heading stump with a miner named Davis, who had warned him a few minutes before the accident not to go under the slate as it was dangerous, but disobeying instructions went under it and was caught by a piece of slate that fell from where they were working.

April 18, 1907. John Price, Minden No. 5 Mine, was at work in first right entry. Ralph Smith went to see if he had finished loading his car and not seeing any light or hearing any noise proceeded to the face of the room where he found Price beneath a fall of slate. He was still alive when found and every effort was made to revive him but without success.

May 1, 1907. Samuel Longworth (or Longwool), Ras Wiley, Ed. Smith, Geo. Stamper (or Stumper), Charles Burgess, Rolly (Raleigh) Tucker, Robt. Armstrong, John Langton, James Farmouth (or Farnsworth), Hutson (Hat) Burgess, Arnold Kelly, Wm. Wilson, I. Ioiri (or Giovanni Ercole), John Thompson, Pherah Joseph (died May 4, 1907) and H. L. Milton (died May 13, 1907.) Whipple Shaft Mine, were killed by an explosion of gas and dust. A detailed description of this accident will be found in the appendix to this report.

May 3, 1907. Jake Bolinski, Minden No. 4 Mine, was killed by a fall of slate in room No. 23, 3rd left heading. Had he made an examination of his place he would have detected the danger and could have set a post under the slate, which weighed about 1200 pounds.

May 8, 1907. Wm. C. Johnson, Turkey Knob Mine, was dropping car down from tipple and it ran against another loaded car, knocking him off and under the wheels.

June 13, 1907. James Lee, Meadow Fork Mine, was going to or from an adjoining room in search of a hammer when a piece of slate fell on him.

KANAWHA COUNTY.

July 3, 1906. John Barker, Morris Creek Mine, was working in his room in the mine when a large piece of draw slate fell on him. Had been

previously warned about the danger by the mine foreman, the day before the accident, but neglected to secure the place.

July 8, 1906. John Vanhess, North Carbon Mine, in company with another man went into shoot place, lighting two holes, only one of which went off, he returned to place just as the second shot went off, killing him instantly.

July 9, 1906. Frank M. Hodge, Dry Branch Mine No. 2, was in the act of setting a post in room when a fall of slate came, striking him on the head. His son was with him when the accident occurred.

August 25, 1906. C. C. Meadows, Red Warrior Mine, was working at the face of room along with two or three other men when they heard the slate working, Meadows ran about 20 feet and was caught under the fall of slate and killed. Had he remained with the other men at the face he would not have been injured.

September 5, 1906, died October 2, 1906. Simon E. Toney, Butler Mine, had his back broken by a fall of slate from the effects of which he afterwards died.

September 12, 1906. H. H. Mullins, Shamrock Mine, in entering the room with his son after shooting the coal found the top loose on the right side but did not think it so dangerous but what they could load the car out before it would fall. It fell sooner than he expected and caught him under it.

October 26, 1906. Robert Scott, Red Warrior Mine, working as motor man was hauling a trip of loaded cars on main entry at a high speed when an automatic trap door failed to open which caused a wreckage of the trap door, was struck on the head with some of the wreckage, crushing his skull. After being carried a short distance on the motor he fell off and either the motor or mine cars ran over him.

December 6, 1906. Charles Brown, Imperial No. 3 Mine, was killed by a fall of slate in entry.

December 17, 1906. Wm. Thomas, Kayford Mine, was standing three or four hundred feet from his working place beside a car the driver was trying to replace on the track. The car struck a post which caused some slate to fall on Thomas, fracturing his spinal column from the effects of which he died the latter part of March, 1907.

January 12, 1907. Chas. A. Cheatham, West Virginia Mine No. 1, was working with J. H. Harris, a coal loader. The roof was examined about two hours before the accident by the mine boss, superintendent, Harris and Cheatham, and some bad slate was found. The superintendent told Harris the roof was bad and instructed him to set posts. One had been set when a "kettle bottom" they had not noticed before fell, catching Cheatham, causing instant death.

February 7, 1907. John M. Botts, Coalburg Mine, was a machine runner and in moving an electric chain machine into a room the bitts on front caught on mine post in making a turn, knocking it down causing a piece of slate to come down covering the man, the machine and the mule.

February 8, 1907. Love Jones, Monarch Mine, neglected to set some

posts which were ready for use and a large piece of draw slate fell, breaking his neck.

March 18, 1907, died March 21, 1907. Wellington Casebolt, Monarch Mine, while acting as motorman going in the mines, running very fast, collided with two empty cars standing on the main line causing the cars to pile up, catching and squeezing him.

April 8, 1907. Vernie Vanhooose, South Carbon Mine, was loading machine coal and had place about cleaned up, when about two inches of draw slate fell, killing him instantly. He had been instructed by the mine foreman before the accident to timber the room, and there were five posts in the room for the purpose.

April 19, 1907. Jacob Hubbard, West Virginia No. 1 Mine, was loading coal and died from internal bleeding caused by, or resulting from, straining an old gun shot wound.

May 17, 1907. Albert Perry, La Mont No. 3 Mine, was working with the contractor under heavy draw slate with posts set near the face, in middle of entry. The slate broke around the posts, falling and striking his head, killing him instantly.

May 27, 1907. Italian No. 14 (name not known), Holley & Stephenson No. 5 Mine, was making preparations to shoot down his coal when a piece of slate near the face fell on him, resulting in death.

May 29, 1907. Will McDowell, Black Band No. 1 Mine, while acting as driver hauling a loaded car from face of 2nd right heading to parting. Failing to show up in reasonable time search was made and he was found doubled up under front end of car. Lamp was found about 20 feet back, supposition is that his lamp was knocked off and in trying to stop or get off car while riding on the front end, lost his footing or fell off, knocked down and run over. He had a weak heart and it may be that he had a fainting spell and fell off.

June 4, 1907. Elmer Hayes, Lucas Ray Mine, while at work shoveling coal immediately after firing a shot a fall of slate came, breaking his neck.

June 25, 1907. Ernest Bias & Ellis Neal, Ruby Mine, were on the tiple eating lunch and talking to the weigh boss, Wm. Large. Large told Bias to see if the trip was ready. As he started Neal shouted "lookout," and just then one of the run-away cars struck Bias and Neal and carried them through the end of tiple to ground, killing them instantly. The chain used to ease the loaded cars over the knuckle at the top of the incline broke, causing the cars to come against the incline rope with a jerk which made the coupling pin jump out thus allowing the cars to run wild down the incline.

June 25, 1907. Reuben James, Kayford Mine, was helping Bradley Braxton on an electric chain machine cutting a room. Had made four runs and started on the fifth, about one foot undercut had been made when the coal rolled over catching James who was shoveling slack from the machine.

MASON COUNTY.

September 5, 1906. Rutter Holt, Klondike Mine, was working at the face of his room when a body of slate fell crushing him.

NICHOLAS COUNTY.

September 21, 1906. James T. Nutter, Greendale or Raven Mine, while in his working place near the face, a large fall of slate came down upon him.

PUTNAM COUNTY.

August 7, 1906. John Anison, Manilla Mine, was barring down some coal when a "kettle bottom" fell on him, catching his head between the rock and coal.

RALEIGH COUNTY.

July 9, 1906. Thomas Crezeilok, Raleigh No. 1 Mine, was caught by a fall of slate in his room, breaking his neck.

July 20, 1906. Italian No. 47 (name unknown), Cranberry Mine, in attempting to cross the bottom of the shaft was caught by descending cage, breaking his back. A passage way is provided at the bottom of this shaft for men to travel from one side to the other.

August 28, 1906. Wm. Wooten, Raleigh No. 3 Mine, was caught by a piece of draw slate falling in his room, causing immediate death.

September 6, 1906. Robt. A. Moore, Beckley Mine, after making a shot returned to his working place and was in the act of picking up his shovel to load his car when a large piece of slate fell from between posts, striking him on head. The room was well posted.

April 8, 1907. Frank McClure, Wright Mine, was driving between partings, followed by Bird Bragg, another driver. Bragg did not see any light in front thought McClure had gone out, drove up cautiously and called, meeting with no response he went forward and found McClure lying in the car with his neck broken. How this accident happened will always remain a mystery.

May 17, 1907, died May 20, 1907. Charles Smertck, Stonewall Mine, was working at the face of his entry when he heard a piece of slate crack behind him, turning to run was struck in the side by slate falling from the rib which knocked him down and he was held under the slate until released by Thos. Robertson, the Mine Foreman. He was sent to the hospital at McKendree where he died.

June 27, 1907. Lawrence Saunders, Price Hill Mine, was killed by a fall of slate while at his usual occupation as a miner.

LOGAN COUNTY.

February 16, 1907. Otto Krung & Peter Steltz, Yuma Mine, were standing too close to a shot that blew out, causing severe burns from which they died. Two men were non-fatally burned in this accident.

March 4, 1907. Edward M. Grover, Rex Mine, and another miner were mining coal on each side of a wedge shaped body near a parting where a room turned off the main entry and were both preparing a shot. Armentrout finished his first lit the squib and came around the point of

coal at the parting and warned Grover, who continued to prepare his shot. The force of Armentrout's shot blew the coal on the opposite side, striking Grover in the head breaking his neck.

May 14, 1907. Edward Elkins, Logan No. 1 Mine, was driving a string team sitting on the front car. When about 150 feet from the the drift mouth he loosened the mules from the cars and jumped in front of the cars, stumbled and fell on the track, the front car running over him, causing instant death.

June 24, 1907. J. D. Johnson, Island Creek Mine No. 2, was following close behind the driver who was taking a car into his room and was caught by a fall of slate. Was taken to the doctor's office who gave him every attention possible but he died in about one and a half hours.

MINGO COUNTY.

July 3, 1906, died July 5, 1906. Wm. Steisel, Thacker No. 2 Mine, was a trapper boy and had the habit of jumping on the mine cars. Had been frequently warned by the mine foreman and drivers to discontinue this habit. He was trapping on main entry between 13th and 14th left, in riding from 14th to 13th left tried to get off but slipped and fell and the front wheel of car crushed his leg. Was taken to the hospital at Welch, but died two days after the accident.

July 12, 1906. Dave Tacket, Lick Fork Mine, was acting as brakeman on a trip of mine cars going down a small grade when the cars wrecked, knocked down a post allowing some slate to fall on the rear end of car which caught and killed him instantly.

September 8, 1906. Joseph Lankford, Alma Mine, was shooting rock at working face of the 12th left heading. Not taking the necessary precaution proceeded to work at the face without examining the roof after making a shot which had loosened the slate and it fell on him, killing him instantly.

September 11, 1906, died October 2, 1906. Major Hatfield, War Eagle Mine, was running a mine machine when slate fell and broke his back and three ribs. Was taken to the hospital at Welch where he died.

November 16, 1906. Mike (Bud) Mounts, Glen Alum No. 2 Mine, was laying track for his brother, Noah, who was a contractor. "Bud" seems to have gone into some other part of the mine where he did not have any business and was killed by a fall of slate from the rib.

December 8, 1906. John Crabtree, Cedar Mine, was working for Keenan Mounts as back hand, digging coal, when draw slate fell crushing his head and body, causing death. Crabtree was an experienced miner of some seven years, but neglected to prop or take down the slate that fell on him.

January 16, 1907. Donny Rotch, Red Jacket Mine, was shoveling coal from the face of his room when slate fell on him, mashing his head and causing death.

April 10, 1907. Robt. Beasley, Glen Alum Mine No. 1. was track layer and timberman. While in room No. 27 on 19th entry was caught by a fall of slate, causing instant death.

June 21, 1907. Hendri Smilenie, Grapevine Mine, had just fired a shot and returned to the face of the room to resume loading a car. The place was smokey and he failed to examine the top. A piece of slate fell on him killing him instantly.

McDOWELL COUNTY.

July 2, 1906. A. H. Meadows, Hillory Hall, E. D. Howard and Wm. Mahan, Keystone Mine, were caught in an explosion of gas. All with the exception of Hall were killed instantly and he died four days later. This accident is described in detail in the appendix to this report.

July 10, 1906. Harvey Cloud, Tidewater Mine, was at work in the mine when there came a fall of coal and slate from face of pillar on which he was working, catching him and causing death.

July 16, 1906. Walter Simpson, Elk Ridge Mine, being an employe of the slate gang was standing on No. 2 cross entry. A fall of slate struck him on the head knocking him down, resulting in death.

July 18, 1906. Vernet Carr, Empire Mine, was killed by a fall of slate.

July 19, 1906. Wallace H. Mitchell, Wm. Crew, John Gallamore and Palmer Harris, Dixon-Pocahontas Shaft Mine, were descending the shaft in a bucket with Loudon Whiteside. When down about 40 feet the torch that they carried ignited gas in the shaft which exploded. Four of the men either jumped off or were thrown out and were killed by the overturning of the bucket, supposed to have been caused by a 3 by 3 scantling they had in the bucket catching in the timbers of the shaft as they started back up the shaft. Whiteside remained in the bucket and was saved but very badly burned. The other four men fell about 75 feet to the bottom of the shaft and were killed instantly.

July 23, 1906. Chas. Anthony, Pulaski Mine, was digging down coal in a split on pillar when a "kettle bottom" dropped on him crushing body so as to cause immediate death.

August 1, 1906. Miles Pledger, Pulaski Mine, was working under loose slate and before he had worked out enough coal to set prop the slate broke and fell on him. He was found dead by the driver.

August 11, 1906. Andrew Banka, United States No. 2 Mine, was killed by a fall of slate. Louis Nemitt, his partner, was standing by the car and said, "Lookout, Andy, the slate is going to fall." Andy jumped from under that portion of slate into a break-through, but the slate fell there also and caught him.

August 13, 1906. Luther Cloud, Shawnee Mine, was running some coke cars. The car he was on stopped on a curve and he got between the cars to couple it to some more cars following, being on the inside of the curve the cars came so close together that they crushed him. When separated he fell on the track and was run over.

August 13, 1906, died August 17, 1906. Sant Ambrosa, Elkhorn Mine, was riding on the front end of a dirt truck on larry track coming down grade and ran by the place of stopping. He jumped off in front to stop

the truck which knocked him down and rolled him. He was taken to the Welch Hospital where he died.

August 20, 1906. Floyd Fulton, Bottom Creek Mine, was working as a back hand for Grover Stringer, robbing a pillar in No. 12 room, No. 8 entry. Stringer had stepped out for some oil. During his absence slate fell on Fulton, killing him.

August 22, 1906. Nicholas Lopata, Jed Mine, was taking down some roof with two other men when a piece of slate, weighing about 61 pounds, fell, striking him on the head.

August 28, 1906. John Yenushesky, Bottom Creek Mine, with four or five others were taking down slate on No. 11 entry, under the charge of a slate man. Were working at some slate close to the face. While preparing to shoot some fallen slate three of them moved back on the entry, heard some slate working and becoming frightened made a rush down the entry. Yenushesky either fell or was knocked down by one of the others in the excitement and thrown on the gob side just as the slate fell. A large piece slid down on him before he could regain his feet.

September 6, 1906. Wm. Duncan, Peerless Mine, was delivering an empty car to a miner. The mule turning to the side pulled down a prop, causing slate to fall on Duncan, killing him instantly.

September 7, 1906, died September 8, 1906. Edward Short, Big Sandy Mine, was a motorman and was running his motor at high speed when it jumped the track at 3rd right and main entry, crossed the main entry running under the slate crushing him between the motor and slate. Was taken to the Hospital at Keystone where he died the next day.

September 22, 1906. Paul Roeser, Bottom Creek Mine, was working on slate force under a competent slate man and had been engaged in taking down and breaking up the fallen slate in a room. While he and the head slate man were preparing to set a prop the slate fell, without warning, on Roeser, breaking his neck.

September 27, 1906. Paul Stulfitch, Crozer No. 1 Mine, was working in a room where the draw slate was about one inch thick, and there was a "kettle bottom" hidden by this slate, which fell out without warning, mashing his head and killing him instantly.

October 20, 1906. Allen Adams & Gilbert Adams, Cambridge Mine, were taking track from a pillar when slate fell on them, causing instant death.

October 30, 1906. Wm. Brown, Pulaski Mine, was preparing a shot in a large piece of slate that had fallen and was standing under a brow of slate which was partly loose, but which he felt sure would hold until he got the shot in, but before placing the shot the brow of slate fell crushing him.

November 6, 1906, died December 17, 1906. George Rinco, Crozer No. 2 Mine, along with his partner went into their room to fire a shot. Afterwards noticed that the slate was loose. The partner wanted to take the slate down, but Rinco wanted to prop it, got mad at his partner for his suggestions and commenced picking at the coal to load it when the slate fell on him, mashing him.

November 15, 1906. John McGinnis, Pulaski Mine, was riding in front

car of trip going in the mine. He jumped on left side of track and attempted to cross track ahead of trip in order to get on right side as the entry was wider on that side. He stumbled and fell on the track and several cars passed over him before they could be stopped.

November 17, 1906. Robert O'Neil, Twin Branch Mine, had come out of his working place and stepped into mouth of an entry not being worked in order to let a car pass. A piece of slate weighing about three or four thousand pounds fell on him, crushing his body and breaking his left leg in three places, causing instant death.

November 26, 1906., Pietro Cesco, McClaren Mine, while making a cut of coal a piece of slate at the face fell on him suddenly, breaking his neck.

December 1, 1906. Alex Tyrus, Turkey Gap Mine, was working on No. 2 pillar when about a half of a car of coal fell and crushed him.

December 10, 1906. Simon Sloten, United States Mine No. 2, while in room No. 1½ on 7 butt entry, a fall of roof slate came which caught him, killing him.

December 13, 1906. William Jones, County Seat Mine, was working in his room and struck what is called a roll or horse-back when a large piece of slate fell on him, breaking his neck.

December 14, 1906. Joseph Steel, James Witcher (died Dec. 26, 1906), Ad. Mullins, Alex Finney, Parthena Rhodes (died Dec. 19, 1906), and Martha A. Johnson (died Dec. 25, 1906), Pulaski Mine, were killed by an explosion of 400 kegs of powder on the outside of the mine. The powder had just been unloaded from a railroad car and was being hauled in the mine cars to powder magazine. The last two in the above list are women who were in a house that was wrecked by the explosion. A detailed description of this accident will be found in the appendix to this report.

December 15, 1906. H. A. Hatcher, Elk Ridge Mine, was running a locomotive, light, at a high rate of speed when it jumped the track throwing him under the engine, crushing him from the effects of which he died.

December 18, 1906. John T. Nutall, Empire Mine, and his partner were butting off a pillar between 63 and 65 on No. 12 entry. Had broken through into No. 65 and were in the act of robbing the stump back to No. 63 and while driving a wedge to bring down the top coal it suddenly fell, catching him breaking his back and killing him.

December 20, 1906. Alexander Boardlie, United States No. 6 Mine. This boy was working with his father and while shoveling slack back from where his father was working, the slate fell without warning, fracturing his skull and causing death.

December 20, 1906. Eugene Scherbonowski, Indian Ridge Mine, after shooting his coal from the solid was loading his car when a piece of slate fell on him, killing him instantly.

December 21, 1906. Tony Zarra & Lawrence Quadrone, Peerless Mine, were shooting for parting and dug coal from a piece of loose slate which fell and mashed them, causing death.

December 29, 1906. Garfield Lynch, McDowell Mine, while employed as

a miner in the mine draw slate fell on him, crushing his skull, causing death.

January 9, 1907. Rodel Frozel, Keystone Mine, was undercutting his coal when it fell on him, crushing him so as to cause his death.

January 12, 1907. John Ferry (Giovanni Fararelli), Indian Ridge Mine, was engaged in robbing a pillar, which was a long narrow stump, and instead of pulling it back from end as instructed he cut a breakthrough in middle leaving a very small square stump. The slate broke around this stump and fell catching him, mashing his head to a pulp.

January 15, 1907. Boone Carter, Empire Mine, was killed by a fall of slate.

January 24, 1907. Jeff L. Jennings, Ashland Mine was on the tippie when the rope broke on the incline leading into the tippie letting the car run away on to the tippie and either the car or some flying debris struck him, causing death.

January 25, 1907, died January 26, 1907, John C. Pelter, Bottom Creek Mine, was assisting in the erection of a fan which was being put in place by means of a gin pole. A guy line to the pole broke allowing it to fall. The pole struck Pelter, fracturing his skull. He was sent to the Hospital at Welch where he died.

January 31, 1907. L. E. Warden, Shamokin Mine, was in his room with H. Y. Neal. He started to work on stump, picked up a pick and commenced striking the coal. Neal told him not to do it as it was too dangerous as there might come a squeeze at any minute, but he kept on and in about a minute afterwards there did come a squeeze and about a ton of coal fell over on Warden, causing instant death.

February 1, 1907. James Johnson, Turkey Gap Mine, was working on No. 1 pillar, No. 24 cross entry, when a large piece of slate fell, crushing him so badly that he died.

February 4, 1907. Henry Toler, Empire Mine, was robbing a stump and was told by a fellow miner, who visited his place, that he had better set more props and leave the stump as soon as he had loaded his car. But Toler kept on digging coal out from under the slate until it fell on him, causing instant death.

February 8, 1907. Percy Harbor & George Tobald, New River & Pocahontas or Berwind No. 1 Mine, were running a puncher machine and had completed a cut in room No. 9 on 1st right entry. A heavy piece of sand-rock which had broken off close up to face of room fell and caught them. The bodies were found lying by the machine board on the cuttings from the machine and under the sandrock.

February 14, 1907, died February 16, 1907. Karl Bauer, Bottom Creek Mine, tried to open a keg of powder in his house with a pick. The keg exploded as did also another keg in the same room. The house was badly damaged but the roof did not fall. Two other men, Frank Fisher and John Poditski, were non-fatally burned by this same explosion.

February 18, 1907. Harre W. Lester. Page Mine, was riding on front end of a trip of mine cars. The cars wrecked and in his attempt to leap from the cars fell in front of car, sustaining injuries that ended in death.

February 19, 1907. John D. Bailey. Lynchburg Mine, was employed as

tippleman and in dumping coal failed to lift the latch that releases the endgate of the ear. The ear in striking the horns of the tipple caused the rear end to strike Bailey, causing instnt death.

February 19, 1907, died February 20, 1907. Geo. Mills, Norfolk Mine, in company with Robt. Mills, his partner, was working in No. 14 room, 2nd cross, new drift. Robert noticed that the slate was bad and said he would not work under it, but George got a pick and started to work. Robert told him not to work under it until they got the slateman to fix it, but he said he wasn't afraid and started to bore a hole. When he got to the sulphur band asked Robert to assist him which he would not do and in about a minute afterwards the slate fell on George, injuring him so severely that he died the next day.

February 20, 1907. Jerry Lovell, Peerless Mine, was digging cut and coal fell on him mashing his head.

February 22, 1907. Adam Sprakup, Peerless Mine, was fixing track with his foreman when a piece of loose rock fell on him, killing him instantly.

February 25, 1907. Angelo Lacosta, Angle Mine, was employed as trackman and in attempting to get on a mine car got hold of the car while in motion but fell off and was caught between the car and rib and was rolled.

March 14, 1907. Robert Carter, Page Mine, while getting off of mine car stumbled and fell in front of same, and before car could be stopped was caught and crushed.

March 15, 1907, died March 16, 1907. Robert L. Boon, King Mine, had a standing shot and in trying to work it down the coal fell on him causing death.

March 18, 1907, died March 30, 1907. James Meadows, Marytown Mine, in transferring some powder from a keg into a smaller vessel a spark from his lamp came in contact with the powder, causing it to explode. He was taken to the Hospital at Welch where he died.

March 18, 1907. William Brown, Angle Mine, was employed as a car dropper and was letting some cars down under the tipple and attempted to jump off on one side and then went to the other side and either jumped off or fell off, getting under the cars in some manner and about eight or ten cars passed over his leg.

March 26, 1907, died April 1, 1907. Zack Hopkins, Indian Ridge Mine, was working under a piece of draw slate which was loose at one end. His partner tried to get him to set a prop under this loose slate at the same time telling him it was very dangerous, but Hopkins would not do it. While they were loading the car the slate fell mashing Hopkins. Was taken to the Welch Hospital where he died.

March 29, 1907. Walter Lackay, Turkey Gap Mine, while pursuing his duties as trackman a piece of slate fell on him, killing him.

April 5, 1907. Dominique Kaint, Elk Ridge Mine, while under the instructions of J. C. Cox who had charge of a few men cleaning up some slate. Cox noticed a piece of slate was loose and cautioned these men to stay from under it but contrary to instructions Kaint and Hairston went under the slate and it fell, killing Kaint and injuring Hairston.

April 6, 1907. Robert Brown, United States No. 2 Mine, was taking down slate in No. 2 new slope and was bossing the job. He went down to start a pump and when coming back the slate fell on him. This was the slate that he had been working on.

April 6, 1907. Died April 8, 1907. Macon Gilliam, Page Mine, was working at face of heading when a piece of slate fell on him, injuring him so seriously that he died later.

April 8, 1907. John Goot, Delta Mine, was killed by a fall of coal. Frank Vachinsky was loading coal and did not have enough down to fill the car when Goot came up to his place and said, "I will get you all the coal you want", and took a pick and commenced to pick the coal when over a car of coal fell on him. Goot was not in his own room, but was in a room about 500 feet from where he worked.

April 11, 1907. William Cundiff, United States No. 1 Mine, was employed as a driver taking out a two car trip. He had been in the habit of cutting his team off at No. 6 room and let them turn into No. 3 room and getting behind to his brake to let the trip into the sidetrack. This trip was running faster than usual and in getting off he slipped and fell under the car and was killed instantly.

April 15, 1907. Dominic McDonald, Joe Monn, Jim Ross, Frank Garland and Geo. Conerige, Gilliam Mine, were in a tenement house and two of the party got into a scuffle over a keg of powder, causing an explosion and the burning of the house, and all the occupants. Three died almost instantly while McDonald lingered until April 17, 1907, and Joe Monn died April 20, 1907.

April 17, 1907. Claude Robinson, Algoma Mine, while engaged as a driver making a delivery of a car on 7th cross entry, a fall of slate came striking him, causing death.

April 19, 1907. Cesare Crippa, United States No. 3 Mine, was riding on front end of an electric motor outside of the mine and stepped off in front before the motor had stopped and it caught his foot throwing him on the track and the motor ran up on him, fracturing his skull.

May 10, 1907. A. B. Dalton, Pulaski Mine, was riding on the front end of a mine car when the rib caught and pulled him between the car and the rib, causing death.

May 11, 1907. George Mitchel, Ashland Mine, was robbing No. 11 pillar off No. 9 entry and had cut off a stump and then split it through, and had just broken a small hole through to the fall when the top gave way and fell on him.

May 20, 1907. Boss Corbet, Bottom Creek Mine, had been at work on pillars No. 7 entry, but moved the morning of the accident to No. 8 entry No. 56 room on pillar work. The man overseeing the work took him to this place and suggested that he had better shoot out the corner of a pocket under which he was standing rather than dig it out. He did not do this but evidently began digging as he had a car about half loaded with coal and about a car load of coal fell out with the slate and caught him.

May 24, 1907, died May 25, 1907. John Fallow, New River & Pocahontas or Berwind No. 1 Mine, was employed as brakeman on a motor and was riding on the front end of a trip which was being pushed into the mines

and up to the 1st right entry. Someone threw the switch at No. 3 room which ran the trip into the room making a wreck, catching Fallow between the front car and the coal. He was taken to the Hospital at Welch where he died.

May 31, 1907. Squire Cobbs, Pulaski Mine, stooped to pick up a prop that had been knocked down by a mule balking and was caught by a fall of slate.

June 1, 1907. Mays' Galloway, Shawnee Mine, was employed on the 31st of May and told to meet mine boss at the shop and he would show him his working place, but did not do so and started in with his tools on shoulder through the main haulway and not having any light in getting out of the way of a trip of cars the augur he had on his shoulder ran against the electric wire which knocked him down about the time the trip came to him. The motor struck him rolling him along ahead of it, crushing him and killing him instantly.

June 11, 1907. Glasgow Lane, Houston No. 1 Mine, was killed by slate falling on him and breaking his neck.

June 24, 1907. Mack Phillips, New River & Pocahontas or Berwind No. 3 Mine, was killed by a large piece of slate falling on him from the middle of the entry.

June 27, 1907. W. Atkins, J. B. B. No. 3 Mine, was in the employ of contractor, Chas. Starkey, and was killed by a fall of slate.

MERCER COUNTY.

July 6, 1906. Amelio Charna, Toney Gott and Sam Moat, Mill Creek Mine, were working on slate force when a fall of coal and slate from side and top of mine came without warning, falling on the men, causing instant death.

July 23, 1906, died August 8, 1906. J. R. Shepherd, Pinnacle Mine, after firing a shot in the coal did not take the necessary precaution by examining the roof and taking down the loose slate, consequently was caught by a fall of slate, mashing him, causing death.

November 16, 1907. Charles Hairston, Coaldale Mine. A sudden fall of coal and slate knocked down a prop which struck Hairston, who walked out of the mine to his boarding house without any assistance, apparently not seriously hurt. The physician saw him a few hours afterwards, but the man did not complain of his head, only some pain in shoulder. It is presumed that he came to his death from intracranial hemorrhage about 14 hours after the accident.

December 4, 1906. Joe Miller, Pawama Mine, was working in 2nd breakthrough in No. 9 room. The breakthrough only lacked about one car of being completed. He was working under draw slate which was cut off on three sides. When found he was lying beneath a piece of slate, had apparently been killed instantly.

January 8, 1907. George Muse, Caswell Creek Mine, was caught by a fall of slate from brow of rib and crushed so badly that he died from the effects.

January 10, 1907. Arthur Elliott, Louisville Mine, fired a shot about 4:15 P. M. and evidently did not investigate the top before commencing

to load his car, being in a great hurry to load up and get out before the mine closed for the day, and was caught by a fall of slate, killing him.

January 15, 1907. Sam. G. Lyle, Booth-Bowen Mine, was working with J. W. Cheatwood on pillar between No. 15 and No. 16 rooms, on Meadows entry. After breaking through a stump on the pillar they set a prop in the center of opening. When they went in to work the slate had broken in two on the right side of the prop. This slate they pulled down and had just cleaned it up. Lyle bored a hole on left side and the shot was fired. They both got their picks and went to the place where shot was fired, Lyle made one stroke with his pick and the coal gave way and a piece of slate from the top fell on him, killing him instantly.

June 15, 1907. Harvey Maals and George Taylor, Weyanoke Mine, in company with several other workmen were employed in straightening track on main entry 75 feet from mouth of 1st right entry. Six little pop holes were put in along the rib 18 inches deep to shear it, four holes were fired. Foreman and some of the men returned to see results and fire the other two holes. The holes were lighted and Foreman yelled, "Fire", and turned back, only went a few feet when rock fell on Maals and Taylor. Foreman jerked the squibs out of the two holes and they were not exploded. Maals and Taylor died almost instantly.

CONDITION OF THE MINES.

MINE INSPECTORS.

James W. Paul, Chief of Department of Mines, Charleston.

FIRST DISTRICT.

Edward V. Byrne, Inspector, Elm Grove.

SECOND DISTRICT.

Frank E. Parsons, Inspector, Clarksburg.

THIRD DISTRICT.

John F. Bratt, Inspector, Independence.

FOURTH DISTRICT.

Earl A. Henry, Inspector, Clifton.

FIFTH DISTRICT.

*John I. Absalom, Inspector, Montgomery.

SIXTH DISTRICT.

Bonner H. Hill, Inspector, Chelyan.

SEVENTH DISTRICT.

William Warner, Inspector, Welch.

—:o:—

*John I. Absalom, Inspector, until May 31, 1907.

—:o:—

MINE INSPECTION DISTRICTS

FIRST DISTRICT.

Counties of *Brooke, Hancock, Marion, Marshall, Monongalia, Ohio, Pleasants, Tyler* and *Wetzel*.

SECOND DISTRICT.

Counties of *Barbour, Calhoun, Doddridge, Gilmer, Harrison, Lewis, Ritchie, Taylor, Upshur* and *Webster*.

THIRD DISTRICT.

Counties of *Berkeley, Grant, Hampshire, Hardy, Jefferson, Mineral, Morgan, Pendleton, Preston, Randolph* and *Tucker*.

FOURTH DISTRICT.

Counties of *Braxton, Clay, Fayette*—north side of New River to Thurmond, *Jackson, Kanawha*—north side of Kanawha River, *Mason, Nicholas, Putnam, Roane, Wirt* and *Wood*.

FIFTH DISTRICT.

Counties of *Fayette*—east of Thurmond and all of *Fayette* south of New River, *Greenbrier, Pocahontas, Raleigh* and *Summers*.

SIXTH DISTRICT.

Counties of *Boone, Cabell, Kanawha*—south side of Kanawha River, *Lincoln, Logan, Mingo* and *Wayne*.

SEVENTH DISTRICT.

Counties of *McDowell, Mercer, Monroe* and *Wyoming*.

(Italicized counties are those in which coal mines are operated.)

FIRST DISTRICT.

GENERAL SUMMARY OF THE FIRST DISTRICT FOR THE YEAR ENDING JUNE 30, 1907.

COUNTY.	No. of Openings. No. Persons Killed		EMPLOYES.									Production of		
			Inside.					Outside.				Sum Total.	Coal (tons of 2,240 lbs)	Coke (tons of 2,000 lbs)
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Total.	Laborers.	Coke Workers.	Total.				
Brooke.....	6	1	166	273	52	85	576	75	...	75	651	526,997	.....
Hancock....	4		15	35	8	15	73	21	...	21	94	78,280	.....
Marion.....	24	14	965	839	243	907	2,954	660	195	855	3,809	3,619,764	233,700.	
Monongalia	7	1	142	126	22	78	368	57	128	185	553	292,596	113,031	
Marshall....	7	5	109	301	46	97	553	79	...	79	632	560,427	.....
Ohio.....	9	2	77	82	10	118	287	28	...	28	315	136,350	.....
Totals.....	57	23	1,474	1,656	381	1,300	4,811	920	323	1,243	6,054	5,214,414	346,731	

OFFICE OF FIRST DISTRICT MINE INSPECTOR.

Elm Grove, W. Va., August 10, 1907.

HON. JAMES W. PAUL,

Chief of Department of Mines,
Charleston, W. Va.

DEAR SIR:—I herewith respectfully submit to you my annual report as Inspector of Mines of the First District of West Virginia, for the year ending June 30, 1907.

During the year I made one hundred and fifty-three regular visits and inspections, and nine extra visits investigating accidents and other matters pertaining to the mines were made when necessary but no record was kept of them.

I regret to state that during the year I received a record of seventy-seven accidents, twenty-three were fatal and fifty-four non-fatal. I have endeavored to investigate all accidents, and upon investigation, I found that these accidents were mainly due to carelessness of those employed in working under loose slate, in handling explosives, in handling cars, and also in handling electric appliances. In several of the mines, too high a voltage is used for under-ground work. The details of these accidents have all been given in the reports of each mine as they occurred.

A comparison of the different types of machines in use in the different machine mines in this district will show the chain cutter to be the best adapted to the No. 8 Pittsburg vein, and the compressed air machines, of the puncher type, to the Freeport and Kittanning seams.

Owing to the fact that a large majority of the coal is mined by machinery, it is a very hard matter to state just exactly what percent of the

coal is shot on the solid. It is a fact that a small percent of the pick mined coal is shot on the solid and I have endeavored to give as nearly the exact amount as I can in each separate mine report.

With very few exceptions the mine law in regards to powder is fully complied with. The special details of these mines are given in the mine reports.

All mines that generate dust are properly watered down.

One mine was enjoined in Ohio County for not complying with the mining law. The main cause was a defective second opening. The injunction was pending for nearly a year and was finally granted in the Circuit Court by Judge Hervey.

One of the worst things with which I had to contend with was the oil question. In Marion County especially, a very poor quality of oil was used for illuminating purposes. A majority of the miners there used a mixture of this poor grade of oil and kerosene. Some of the miners used a mixture of kerosene and blackstrap. I am glad to say that this poor quality of oil is not now in use and that a good quality known as the J. V. Lewis test is now in use. One miner in Marion County was indicted for the use of a mixture of kerosene and blackstrap for illuminating purposes.

In conclusion, I am glad to say that I am thankful for the courteous treatment that I have received from the hands of the miners and the officials of the various mines, for which I desire to return my thanks.

I also wish to thank you for the able advice and many favors received at your hands during the past year.

Yours truly,

E. V. BYRNE.

Mine Inspector, 1st. District.

—:o:—

CONDITION OF THE MINES IN THE FIRST DISTRICT.

BROOKE COUNTY.

A. GILCHRIST & SONS' COAL COMPANY.

No. 1. *Gilchrist Mine.*—This mine is located on the P. C. C. & St. L. R. R. one half mile north of Lazearville. It is a drift opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a furnace and is only fair. The drainage was found to be in bad condition along the main haulway.

All powder is carried into the mine in cans of five pounds capacity.

The oil is only of a fair quality but it is not handled by the operating company.

With a full force of men and present developments and equipment, this mine is capable of producing 420 tons per day.

With the exception of the drainage the mining law is fairly well complied with.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

No map of this mine has yet been furnished this office, as is required by law, although their attention has been called to it.

There was only one accident in this mine. It was non-fatal. Left leg broken above the knee, and a small cut on forehead caused by a fall of slate.

This mine was reported last year as Gilchrist Mine, No. 1 of the printed report.

A. GILCHRIST, Supt.

W. T. GILCHRIST, Mine Boss.

THE LA BELLE COAL COMPANY.

No. 2. *Lewis Mine*.—This mine is located on the P. C. C. & St. L. R. R., at the southern extremity of Wellsburg. This mine is a drift opening operating the Pittsburg coal on the double entry system.

Ventilation is produced by means of a furnace and is not sufficient. A fan has been recommended. Drainage is in a bad condition throughout the mine. Two new openings from the face of the main heading are being driven to the outside, one for ventilation and one for drainage, which will cut off all the old workings of the mine.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil was found to be in use for illuminating purposes.

The second opening meets all the requirements of the law.

Drainage and ventilation are the only things which do not fairly meet the requirements of the law.

With the present mine development and equipment and a full force of men this mine is capable of producing 1080 tons per day.

One accident, not fatal, occurred in this mine. Leg broken, caused by fall of slate.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to July, 1904, has been furnished this office. The company's attention has been called to this.

This mine was reported last year as Lewis Mine, No. 2 of the printed report.

O. L. MARQUET, Supt.

WILSON HOLMES, Mine Boss.

BEECH BOTTOM COAL COMPANY.

No. 3. *Beech Bottom Mine No. 1*.—This mine is located on the P. C. C. & St. L. R. R., three miles south of Wellsburg. It is a drift mine operating the Pittsburg coal on the double entry system.

Ventilation was produced by a furnace but an eight foot Robinson fan has been installed, producing good results. The drainage is fairly good.

All powder is carried into the mine in cans of five pounds capacity. The oil used for illuminating purposes is of a good quality.

The roof in this mine is not very good, but it is well timbered.

Doors of proper construction have been recommended to be placed at the proper places instead of canvass which is in use to maintain the proper ventilation.

With a full force of men and present equipment this mine is capable of producing 2662 tons of coal per day.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

Map of this mine extended to May, 1907, has been furnished this office.

This mine was reported last year as Beech Bottom Mine, No. 3 of the printed report.

ELMER HOUGH, Supt.

J. R. PATRICK, Mine Boss.

W. E. WALLACE, Assist. Mine Boss.

LEWIS—FINDLEY COAL COMPANY.

No. 4. *Locust Grove Mine*.—This mine is located on the P. C. C. & St. L. R. R., about one and one quarter miles south of Collier Station. It is a drift mine operating the Pittsburg coal on the double entry system.

The ventilation is produced by a fan and two furnaces and is only fair. Drainage is only fair.

The roof in this mine is not very good but it is well timbered.

All powder is carried into this mine in cans of five pounds capacity.

About 20 percent of the coal is shot on the solid.

The oil used for illuminating purposes is of a fair quality.

The mining law has not been complied with in regards to hiring a mine foreman.*

The second opening meets all the requirements of the law.

With a full force of men and present mine developments and equipment this mine is capable of producing 1014 tons per day.

There were seven accidents in this mine during the year. One was fatal, caused by a fall of slate. Six were non-fatal. These accidents were caused as follows: Two, riding on a loaded trip; one, remaining in the locality of a lighted shot; one, while shearing tight a piece of coal fell; one, by explosion of powder; one, by the falling of slate.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to May, 1907, has been furnished this office.

This mine was reported last year as Locust Grove Mine, No. 4 of the printed report.

E. H. LACE, Supt.

C. W. HALL, Mine Boss.

HARRY COLE, Fire Boss.

*See opinion of Attorney General on citizenship contained elsewhere in this report. J. W. P.

LA BELLE IRON WORKS.

No. 5. *La Belle Shaft Mine*.—This is a shaft mine with the opening on the Ohio side at Steubenville extending under the river into West Virginia. Depth of shaft to surface landing, 198 feet. Main entry course S. 15 degrees E. goes under the river at X 1250 and crosses at right angles to channel line. The West Virginia side X 1956 making the river 706 wide at this point.

This mine was regularly inspected by E. V. Byrne and Ebenezar Jones when conditions in regards to safety were found to be good. Ventilation is produced by a fan and was found to be good. Drainage was also good.

This mine was operating the upper Freeport coal, on the double entry system.

There are small quantities of explosive gas found in this mine.

All powder is carried into this mine in cans of five pounds capacity.

The oil used for illuminating purposes is of a good quality.

With a full force of men and present mine equipment and development this mine is capable of producing 500 tons of coal per day.

Rules were posted, blankets and stretchers kept on hand.

Extra precaution is taken at this mine to protect the workman employed from the electric wires.

A map of this mine extended to May, 1907, has been furnished this office.

This mine was reported last year as La Belle Shaft Mine, No. 5 of the printed report.

P. J. HARRIGAN, Supt.

W. J. LAFFERTY, Mine Boss.

JOSEPH CADWICK, Fire Boss.

REX CARBON COAL COMPANY.

No. 6. *Rex Carbon No. 1 Mine.*—This mine is located on the north side of Cross Creek on the Wabash, Pittsburg Terminal R. R., about six miles north-east of Wellsburg. It is a drift opening operating the Pittsburg coal on the double entry system.

The roof is good, consisting of hard black slate. The coal is delivered from the mine to the tippie over an incline of about 250 feet by a rope. Ventilation is produced by a fan and is good. Drainage is also good.

The oil used for illuminating purposes is only of a fair quality but it is not handled by the company. The use of kerosene and black strap was formerly practiced but has been abandoned.

All powder is carried into the mine in cans of five pounds capacity.

Recommendations had been offered concerning the sprinkling of parts of the mine which is now being done.

With a full force of men and present equipment and development this mine is capable of producing 900 tons per day.

The second opening meets all the requirements of the law.

Seven electric chain mining machines and one electric 15 ton motor have been installed. This during the last year.

Rules were posted, blankets and stretchers kept on hand.

No map of this mine has yet been furnished this office.

This mine was reported last year as No. 1 Mine, No. 6 of the printed report.

J. D. CRIBBS, Supt.

H. E. COOLEY, Mine Boss.

HANCOCK COUNTY.

M. M. CULLEN.

No. 7. *Porter No. 1 Mine.*—This mine is located about three miles east of New Cumberland on Harden Run. They are operating the Upper Freeport coal on the double entry system. Ventilation is produced by a

furnace and is only fair. The drainage is bad along the main haulway. The mine is free from gas.

A fair quality of oil was found to be in use.

All powder is carried into the mine in cans of five pounds capacity.

With a full force of men and present mine equipment and development this mine is capable of producing 42 tons per day.

The roof is a good sandstone roof and is well timbered.

No rules were posted, no blankets or stretchers were kept on hand, and no map of this mine has yet been furnished this office.

This mine was reported last year as Porter No. 1 Mine, No. 7 of the printed report.

PAUL S. CULLEN, Supt.

JAMES McDOWELL, Mine Boss.

THE MARQUET COMPANY.

Nos. 8, 9, and 10. *Marquet Mines Nos. 1, 4 and 5.*—No. 1 is abandoned. These mines are situated on Harden Run about three miles east of New Cumberland. They are operating the Upper Freeport coal on the double entry system. The coal is delivered to the P. C. C. & St. L. R. R., on a switch three miles long and by an engine both owned and operated by the Marquet Coal Co

Mine No. 4.—Ventilation is produced by a furnace and is only fair. Drainage is fairly good.

A fair quality of oil was found to be in use for illuminating purposes.

All powder is carried into this mine in cans of five pounds capacity.

The second opening meets all the requirements of the law.

With a full force of men and present equipment and development this mine is capable of producing 320 tons per day.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to July, 1907, has been furnished this office.

The main entry of this mine was driven 1100 ft. through a rock fault, sandstone, before striking coal.

Mine No. 5.—Ventilation is produced by a furnace and is only fair. Drainage is only fair.

The oil used for illuminating purposes is only fair.

All powder is carried into the mine in cans of five pounds capacity.

About 95 % of the coal is shot on the solid.

The second opening meets all the requirements of the law.

With a full force of men and present development this mine is capable of producing 150 tons of coal per day.

Rules were posted. Blankets and stretchers kept on hand.

A map of this mine extended to July, 1907, has been furnished this office.

These mines were reported last year as Nos. 1, 4 and 5, Nos. 8, 9 and 10 of the printed report.

C. F. WAGONER, Supt.

W. M. GILLMORE, Mine Boss, No. 4 Mine.

WM. LIDYARD, Mine Boss, No. 5 Mine.

MARION COUNTY.

FAIRMONT COAL COMPANY.

No. 11. *Murray Mine*.—This mine is located on the Connellsville division of the B. & O. R. R. about ten and a half miles north of Fairmont. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is natural and is good. Drainage is only in a fair condition.

About 10 % of the coal is shot on the solid.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned in this mine and now a good grade of oil is in use. They are now using the J. V. Lewis test which is considered a very good oil.

With the present development and equipment and a full force of men this mine is capable of producing 2832 tons per day.

The second opening meets all the requirements of the law.

There was one non-fatal accident in this mine during the last year. Right arm broken by fall of head coal while loading car.

The mining law is being fairly well complied with.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as Murray Mine, No. 11 of the printed report.

J. H. BRAINBRIDGE, Supt.

D. H. SATTERFIELD AND
W. E. HARRIS, Mine Bosses.

No. 12. *Montana Mine*.—This mine is located six miles north of Fairmont on the Connellsville division of the B. & O. R. R. It is a drift mine operating the Pittsburg coal on the double entry system. The roof in this mine is the worst in the district. We have here a slate roof which is impossible to hold after being exposed to the air. But the management is taking all precautions to protect their employes. Ventilation is produced by a fan and is good. Drainage is only fair.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned in this mine and now a good grade of oil is being used. They are using the J. V. Lewis test.

With the present equipment and a full force of men this mine is capable of producing 1300 tons per day.

There were five non-fatal accidents in this mine. Four were caused by carelessness with cars, and one by a fall of coal.

About 20 percent of coal is shot on the solid.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as Montana Mine No. 12 of the printed report.

C. E. GASKILL, Supt.

HAYS GASKILL AND
W. M. GASKILL, Mine Bosses.

No. 13. *Shaft Mine*.—This mine is located two and one half miles north of Fairmont on the Wheeling and Grafton division of the B. & O. R. R. It is a shaft mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

Just a small quantity of explosive gas is found at different places throughout the mine.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil in this mine has been abandoned and a good grade of oil is now being used. This oil is the J. V. Lewis test.

A small percent of the coal that is mined by the pick miners is shot on the solid.

With the present development and equipment and a full force of men this mine is capable of producing 1435 tons of coal per day.

The second opening meets all the requirements of the law.

There was one accident, not fatal, in this mine. Right shoulder blade broken, caused by trip striking him.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan. 1907, has been furnished this office.

This mine was reported last year as Shaft Mine, No. 13 of the printed report.

J. J. BRENNIN, Supt.

S. R. FETTY, Mine Boss.

C. E. SIDWELL, WALTER GRIFFITH, AND C. D. WARNER, Fire Bosses.

No. 14. *New England Mine*.—This mine is located on the M. R. division of the B. & O. R. R. two miles south of Fairmont. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

All powder is carried into the mine in cans of five pounds capacity.

Small quantities of gas are found in different places in the mine.

The use of mixed oil and an inferior quality of miners oil has been abandoned and a good quality of oil is now in use. It is known as the J. V. Lewis test.

With a full force of men and the present mine development this mine is capable of producing 3950 tons of coal per day.

The second opening meets all the requirements of the law.

There were four accidents in this mine, two were fatal and two not fatal. One fatal accident was caused by a runaway trip, the other by being run over by a wagon, this latter accident was an out-side man.

The non-fatal were caused, one by a loaded car and the other by a fall of slate.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan. 1907, has been furnished this office.

This mine was reported last year as New England Mine, No. 14 of the printed report.

H. C. ASH, Supt.

B. G. ASH, A. C. POLING, AND ARTHUR EVINS, Mine Bosses.

JAMES GILLIS, ROBERT DONLIN, AND NEIGHT VILLAIS, Fire Bosses

No. 15. *Gaston Mine*.—This mine is located two miles south of Fairmont on the M. R. division of the B. & O. R. R. It is a drift opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

Small quantities of gas are found in different parts of the mine.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil is now in use. It is the J. V. Lewis test.

A small percentage of the coal mined by pick miners is shot on the solid.

With the present mine equipment and development and a full force of men this mine is capable of producing 2090 tons per day.

The second opening meets all the requirements of the law.

There were two accidents in this mine, one fatal and one not fatal. Non-fatal caused by fall of slate, and fatal accident by coming in contact with the trolley wire.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan. 1907, has been furnished this office.

This mine was reported last year as Gaston Mine, No. 15 of the printed report.

H. C. ASH, Supt. P. C. VERNON AND J. E. TRICKETT, Mine Bosses.
J. E. GATTAIN AND E. D. BROWN, Fire Bosses

No. 16. *Monongah Mine No. 2*.—This is a slope mine and is ventilated by a fan.

All coal from Monongah No. 3 Mine, as well as Monongah No. 5 Mine, is hauled through No. 2 and dumped over the No. 2 tipples. Very few men were employed in either No. 2 or No. 3 mines.

This mine was reported last year as Monongah Mine No. 2, No. 17 of the printed report.

No. 17. *Monongah Mine No. 3*.—This mine is located one half mile south of Monongah on the M. R. division of the B. & O. R. R. It is a drift mine operating the Pittsburg coal, and is ventilated by a fan.

No. 18. *Monongah Mine No. 5*.—This mine is located at Monongah on the M. R. division of the B. & O. R. R. It is a drift opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is good.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and the J. V. Lewis test is now being used.

A small percentage of the coal mined by pick miners is shot on the solid.

The second opening meets all the requirements of the law.

With the present mine development and a full force of men this mine is capable of producing 9744 tons of coal per day.

Five accidents occurred in this mine, all were nonfatal. Three were caused in working with cars and two by fall of stump.

The coal from No. 5 mine is delivered through No. 2 part of the way by electric motor and part of the way by a rope to the tippie of No. 2.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as Monongah mine No. 2, No. 17 of the printed report.

A. J. RUCKMAN, Supt.

ELZA LEVELL AND

PATRICK COSTELLO, Mine Bosses.

No. 19. *Monongah Mine No. 6.*—This mine is located on the north side of the West Fork River at Monongah. It is a slope mine operating the Pittsburg coal on one double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

Small quantities of gas are found in different places in the mine.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and the J. V. Lewis test is now in use.

With a full force of men and the present mine development this mine is capable of producing 3500 tons of coal per day.

The second opening meets all the requirements of the law.

There were two accidents in this mine. One fatal, caused by a fall of slate; the other not fatal, caught by a car.

A small percent of shooting on the solid is practiced by the pick miners.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as, Monongah No. 6, No. 18 of the printed report.

A. J. RUCKMAN, Supt.

THOS. DONLIN and JAMES RODGER, Mine Bosses.

TIM LYDON, ANDREW MORRIS AND E. TRADER, Fire Bosses.

No. 20. *Monongah Mine No. 8.*—This mine is located on the north side of the West Fork River one half mile south of Monongah. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

A small quantity of gas is found in different places in the mine.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil known as the J. V. Lewis test is now being used.

With a full force of men and present mine development this mine is capable of producing 6330 tons per day.

The second opening meets all the requirements of the law.

There were eight non-fatal accidents in this mine. Three were caused by falls of slate; two, by accidents with cars; three were caused by incompetent men handling explosives which caused a blowing out shot.

A small percent of the coal mined by pick miners is shot on the solid.

Rules were posted, blankets and stretchers kept on hand.

This mine was reported last year as Monongah Mine No. 8, No. 19 of the printed report.

A map of this mine extended to Jan. 1907, has been furnished this office.

A. J. RUCKMAN, Supt.

J. M. McGRAW and PATRICK LAUGHNEY, Mine Bosses.
JOHN HYLAND and P. J. KEARNS, Fire Bosses.

No. 21. *Pennois Mine*.—This mine is located two miles south of Monongah on the M. R. division of the B. & O. R. R. It is a drift opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is good.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil known as the J. V. Lewis test is now being used.

The mine employs all pick miners and about 45 percent of the coal is shot on the solid.

With the present mine development and a full force of men this mine is capable of producing 3960 tons of coal per day.

There was one non-fatal accident in this mine. Both collar bones broken, caused by a fall of coal. This was caused by shooting on the solid.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan. 1907, has been furnished this office.

This mine was reported last year as Pennois Mine, No. 20 of the printed report.

RUSH MILLER, Supt.

JOHN RIGGINS and
ALBERT PARSON, Mine Bosses.

No. 22. *Marion Mine*.—This mine is located on the M. R. division of the B. & O. R. R. about two miles south of Monongah. It is in the Pittsburg vein of coal. This mine is worked out and was abandoned during the month of April, 1907.

This mine was reported last year as Marion Mine, No. 21 of the printed report.

RUSH MILLER, Supt.

HENRY WINNING, Mine Boss.

No. 23. *Anderson Mine*.—This mine is located about three miles south of Monongah on the M. R. division of the B. & O. R. R. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil known as the J. V. Lewis test is now in use.

About 20 percent of the coal mined by the pick miners is shot on the solid.

With present mine development and a full force of men this mine is capable of producing 3670 tons of coal per day.

There were two accidents in this mine during the last year. One fatal, caused by a fall of slate. One non-fatal, broken leg, caused by carelessness in handling cars.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as Anderson Mine, No. 22 of the printed report.

RUSH MILLER, Supt.

MILTON COBURN, Mine Boss.

No. 24. *Highland Mine*.—This mine is located three miles south of Monongah on the M. R. division of the B. & O. R. R. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil known as the J. V. Lewis test is now in use.

About 35 percent of the coal mined by the pick miners is shot on the solid.

With the present mine development and a full force of men this mine is capable of producing 1616 tons of coal per day.

There were two accidents in this mine both non-fatal. One was caused by a fall of slate and the other by ignorance in handling cars.

The second opening meets all the requirements of the law.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as Highland Mine, No. 23 of the printed report.

RUSH MILLER, Supt.

JOHN PRUNTY, Mine Boss.

No. 25. *Middleton Mine*.—This mine is located about three and one half miles south of Monongah on the M. R. division of the B. & O. R. R. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned by the company and a good quality of oil known as the J. V. Lewis test is now in use.

About 15 per cent of the coal mined by pick miners is shot on the solid.

With the present mine development and a full force of men this mine is capable of producing 3740 tons of coal per day.

There was one fatal accident in this mine caused by a fall of coal.

The second opening meets all the requirements of the law.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as Middleton Mine, No. 24 of the printed report.

RUSH MILLER, Supt.

BLAND COURTNEY, Mine Boss.

No. 26. *Chiefton Mine*.—This mine is located about four miles south of Monongah on the M. R. division of the B. & O. R. R. It is a drift opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil known as the J. V. Lewis test is now in use. There was one miner fined for the use of black strap oil for illuminating purposes.

About 20 percent of the coal mined by the pick miners is shot on the solid.

With the present mine development and a full force of men this mine is capable of producing 5180 tons of coal per day.

There was one accident in this mine. It was non-fatal and was caused by a fall of draw slate.

The second opening meets all the requirements of the law.

A map of this mine extended to Jan. 1907, has been furnished this office.

This mine was reported last year as Chiefton Mine, No. 25 of the printed report.

RUSH MILLER, Supt.

L. E. HENDERSON, Mine Boss.

No. 27. *Hutchinson Mine*.—This mine is located five miles south of Monongah on the M. R. division of the B. & O. R. R. It is a slope mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is only in a fair condition.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil known as the J. V. Lewis test is now in use.

All the miners are pick miners and about 30 percent of the coal mined is shot on the solid.

There were two accidents in this mine, both were fatal. One was caused by a fall of slate and the other crushed between car and rib.

The second opening meets all the requirements of the law.

A map of this mine extended to Jan. 1907, has been furnished this office.

With a full force of men and present mine development this mine is capable of producing 300 tons per day.

This mine was reported last year as Hutchinson Mine, No. 26 of the printed report.

G. W. FLEMING, Supt.

THOS. BURLOCK, Mine Boss.

THE VIRGINIA AND PITTSBURG COAL AND COKE COMPANY.

No. 28. *King Mine*.—This mine is located three and one half miles south of Fairmont on the Wheeling and Grafton division of the B. & O. R. R. It is a drift mine, operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. The ventilation was bad in the left section of the mine but has been rectified. Drainage is good.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes was found to be in use.

All the miners are pick miners and a small per cent of the coal mined is shot on the solid.

With the present development and a full force of men this mine is capable of producing 2230 tons of coal per day.

There were two accidents in this mine. One fatal caused by a runaway trip; one not fatal, caused by a fall of coal.

The second opening meets all the requirements of the law.

Electric haulage has been established during the past year.

Concrete is now used instead of wood for brattices in this mine

A map of this mine extended to May, 1907, has been furnished this office.

Rules were posted, blankets and stretchers kept on hand.

This mine was reported last year as King Mine, No. 27 of the printed report.

R. M. HITE, Supt.

JOHN BROWN and

WILLIAM JARRETT, Mine Bosses.

GEORGES CREEK COAL AND IRON COMPANY.

Nos. 29 and 30. *Chatham Shaft Mines Nos. 1, and 2.*—This mine is located a quarter of a mile east of Underwood formerly called Farmington on the Weeling and Grafton division of the B. & O. R. R. No. 2 is a shaft mine and operating the Sewickley coal. This mine was temporarily abandoned during the past year.

No. 1 is a shaft opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

Gas is generated in small quantities in different places in the mine but is kept clear at the face of the working places by means of canvass brattices.

The powder used is a flameless powder known as Nyalite. All the coal is shot by men known as shot firers.

The oil used is a naptha oil in the Wolf safety lamp. With the present mine development and a full force of men this mine is capable of producing 6760 tons of coal per day.

The second opening meets all the requirements of the law.

There were five accidents in this mine. One fatal caused by a fall of pot of slate. Two non-fatal were caused by a fall of coal and two non-fatal by a fall of slate.

A map of this mine extended to June 1907, has been furnished this office.

These mines were reported last year as Chatham Mines Nos. 1 and 2, Nos. 28 and 29 of the printed report.

COL. R. L. SOMERVILLE, Gen. Mgr.

M. E. QUEENON and

JAMES DUITCH, Superintendent.

SAM'L WHINNIE, Mine Bosses.

E. L. GRIFFITH AND H. T. HALL, Fire Bosses.

FEDERAL COAL AND COKE COMPANY.

No. 31. *Federal No. 1 Shaft Mine.*—This mine is located on the Paw

Paw branch of the B. & O. R. R., seven miles north of Fairmont. It is a shaft mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

Small quantities of gas are generated in different parts of the mine but is kept clear at the face of the working places by means of canvass brattices.

The powder used is a flameless powder known as Nyalite. All the coal is shot by men known as shot firers.

The oil used is a naptha oil in the Wolf safety lamp.

With present mine development and a full force of men this mine is capable of producing 2000 tons per day.

The second opening meets all the requirements of the law.

There were two fatal accidents in this mine. One man fell off of the cage to the bottom of the shaft; the other one was caused by an air pipe.

A map of this mine extended to July, 1907, has been furnished this office.

Rules were posted, blankets and stretchers kept on hand.

This mine was reported last year as Federal Shaft No. 1, No. 30 of the printed report.

FRED LEWIS, Supt.

THOS. WARDLE, Mine Boss.

JOHN RUSSELL AND LEWIS BARNHART, Fire Bosses.

NEW CENTRAL COAL COMPANY.

No. 32. *Stafford Shaft Mine.*—This mine is located about five miles north of Fairmont on the Paw Paw branch of the B. & O. R. R. It is operating the Pittsburg coal on the double entry system. It is a shaft mine and ventilation is produced by a fan and is good. Drainage is also good.

This mine is a natural generator of gas which is found in small quantities but is kept clear at the face of the working places by means of canvass brattices.

A flameless powder is used known as Nyalite.

All the coal is shot by men known as shot firers.

The oil used is a naptha oil burned in the Wolf safety lamp.

With the present mine development and a full force of men this mine is capable of producing 2000 tons of coal per day.

The second opening meets all the requirements of the law.

Two new 150 H. P. boilers have been added during the past year.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to June 1907, has been furnished this office.

This mine was reported last year as Stafford Shaft Mine, No. 31 of the printed report.

DUNCAN SINCLAIR AND GEORGE S. PHILIPS, Supts.

THOS. CLEASON, Mine Boss.

JOHN SHANDON and JOS. GREEN, Fire Bosses.

KILARM COAL AND COKE COMPANY.

No. 33. *Kilarm Mine.*—This mine is located on Coon's Run on a branch

of the M. R. division of the B. & O. R. R. about four miles south of Monongah. It is a drift opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and it is good. Drainage is bad along the main haulway. Recommendations have been offered concerning the drainage but they have not been heeded. Recommendations have been offered in regards to the timbering of the main entry as a part of this was found to be in a bad condition.

Great difficulty is encountered in this mine by rock roof cutting the coal entirely out in some of the workings. The coal is very irregular for the Pittsburg seam, varying in thickness from three to five feet.

All powder is carried into the mine in cans of five pounds capacity.

The use of a mixed oil has been abandoned and a fair quality of oil is now in use.

With a full force of men and present mine development this mine is capable of producing 500 tons per day.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

No map of this mine has yet been furnished this office.

This mine was reported last year as Kilarm Mine, No. 32 of the printed report.

C. E. ZEEK, Supt.

DAVID A. WILSON, Mine Boss.

PARKER RUN COAL & COKE COMPANY.

No. 34. *Parker Run Mine.*—This mine is located near Rivesville on the west side of the Monongahela river. It is a drift opening operating the Sewickley coal on the double entry system. The thickness of the coal averages six feet. Ventilation is produced by a furnace and is not good. A fan was recommended and the company has informed me that they have ordered said fan. Drainage is good.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil was found to be in use.

With the present development and a full force of men this mine is capable of producing 136 tons per day. The present second opening does not meet the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

No map of this mine has yet been furnished this office.

This mine was reported last year as Parker Run Mine, No. 35 of the printed report.

J. H. MARTIN, Supt.

W. C. MARTIN, Mine Boss.

POWELL COAL AND COKE COMPANY.

Powell Mine.—For the present time this mine has been abandoned.

This mine was reported last year as Big Falls Mine, No. 33 of the printed report.

BIG FALLS COAL AND COKE COMPANY.

Big Falls Mine.—Abandoned for the present.

This mine was reported last year as Big Falls Mine, No. 33 of the printed report.

MONONGALIA COUNTY.

OPEKISKA COAL AND COKE COMPANY.

No. 35. *Opekiska Mine*.—This mine is located at Opekiska, eleven miles north of Fairmont on the Connellsville division of the B. & O. R. R. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is natural and is bad. A fan was recommended. Drainage is not satisfactory. Recommended that the water be removed. The drift opening is in bad condition; it needs retimbering. It was recommended that it would be far better to put in a new opening and abandon the old haul-way as all of it is in a bad condition.

All powder is carried into the mine in cans of five pounds capacity.

The oil is of a fair quality.

About 50% of the coal is shot on the solid. All the miners are pick miners.

With the present mine development and a full force of men this mine is capable of producing 528 tons per day.

There was one non-fatal accident in this mine. Back and legs bruised by a fall of coal.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

No map of this mine has yet been furnished this office.

This mine was reported last year as Opekiska mine, No. 36 of the printed report.

W. S. WOOD, Supt.

M. D. MURRAY, Mine Boss.

FAIRMONT COAL COMPANY.

No. 36. *Beechwood Mine*.—This mine is located at Beechwood 13 miles north of Fairmont on the Connellsville division of the B. & O. R. R. It is a drift mine operating the Pittsburg coal on the double entry system. A part of this mine is naturally ventilated and a part is ventilated by a furnace and is fairly good. Drainage is also good.

All powder is carried into the mine in cans of five pounds capacity.

The use of mixed oil has been abandoned and a good quality of oil known as the J. V. Lewis test is now in use.

About 20% of the coal mined by pick miners is shot on the solid. With the present mine development and a full force of men this mine is capable of producing 1440 tons per day.

The second opening meets all the requirements of the law.

There were three accidents all non-fatal in this mine. One in the mine caused by fall of shale or sandstone; the other two were both hurt on the outside of the mine: one while riding on a wagon and the other fell off of a horse.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office. This mine was reported last year as Beechwood mine, No. 37 of the printed report.

HARRY TOOTHMAN, Supt.

WALTER ROWE, Mine Boss.

ELKINS COAL AND COKE COMPANY.

No. 37. *Richard Mine No. 1.*—This mine is located on the Morgantown and Kingwood R. R. four miles south of Morgantown. It is a drift mine operating the Upper Freeport coal on the double entry system. Ventilation is produced by a fan and is good. Drainage only fair.

Just a trace of gas was found in the main dip entry.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes was found to be in use.

With the present mine development and a full force of men this mine is capable of producing 938 tons of coal per day.

Second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to May, 1907, has been furnished this office. This mine was reported last year as No. 1 mine, No. 38 of the printed report.

J. B. HANFORD, Supt.

O. T. BARNARD, Mine Boss.

J. S. MAXON, Fire Boss

No. 38. *Sabraton Mine No. 5.*—This mine was formerly known as the Fulmer Mine, operated by A. C. Fulmer Company.

This mine is located two and one half miles east of Morgantown on the ridge leading to the Cheat River. The coal is delivered by an electric R. R. three quarters of a mile long to a tippie on the Morgantown and Kingwood R. R.

Ventilation is produced by a furnace and is only fair. A fan was installed in June which will undoubtedly rectify the former conditions. Drainage is only in a fair condition.

All powder is carried into the mine in cans of five pounds capacity

A fair quality of oil for illuminating purposes is in use.

With the present mine development and a full force of men this mine is capable of producing 386 tons of coal per day.

There were two accidents in this mine; one fatal and the other non-fatal, both were hurt while handling cars.

The second opening meets all the requirements of the law

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to May, 1907, has been furnished this office. J. B. HANFORD, Supt.

U. R. SMITH, Mine Boss.

CONNELLVILLE BASIN COKE COMPANY.

No 39. *Connellsville or Deckers Creek Mine.*—This mine is located on the Morgantown & Kingwood R. R. four miles south of Morgantown. It is a drift mine operating the Upper Freeport coal on the double entry system. Ventilation is produced by a fan and is only fair but the company is installing another fan which will overcome the present system of ventilation. Drainage is good.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil is used for illuminating purposes.

With a full force of men and present mine development this mine is capable of producing 492 tons per day.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office. This mine was reported last year as Deckers Creek Mine, No. 39 of the printed report.

E. F. SAXMAN, Gen. Supt.

DENNIS CONNELLY, Mine Bsos.

J. R. CLARK, Supt.

GREAT SCOTT COAL AND COKE COMPANY.

No. 40. *Great Scott Mine*.—This mine is located on the west side of the Monongahela River, three and one quarter miles north of Morgantown. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is natural and is very poor. There is not any at the face of the working places. A fan has been recommended. Drainage is good.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

A new tippie has been erected and switches constructed, and the coal will be delivered across the river by means of rope and bucket to the Conellsville division of the B. & O. R. R.

With the present development and a full force of men this mine is capable of producing 200 tons of coal per day.

The second opening meets all the requirements of the law.

No rules were posted, no blankets and stretchers kept on hand.

No map of this mine has yet been furnished this office.

This mine was reported last year as Great Scott mine, No. 41 of the printed report.

ALEX. H. TAIT, Supt.

A. G. TAIT, Mine Boss.

NIAĞARA COAL AND COKE COMPANY.

No. 41. *Round Bottom Mine*.—This mine has not been in operation and no inspection has been made. Was reported last year as Round Bottom mine, No. 40 of the printed report.

MARSHALL COUNTY.

HITCHMAN COAL AND COKE COMPANY.

No. 42. *Hitchman Mine*.—This mine is located on the B. & O. R. R. at the southern extremity of Benwood. This mine is operating the Pittsburg coal on the double entry system. The coal is reached by a 15% slope, 850 ft. long. Ventilation is produced by a fan and is good.

The mine is equipped with electric machines and electric haulage. Power is furnished by two one hundred K. W. generators driven by two 15 by 15 McEwan engines. The means used to deliver the coal from bottom of the slope to tippie is known as endless rope haulage.

On the outside the company has a steel trestle about 1000 ft. long, on

the end of which is a coaling bin with a capacity of about 1000 tons, used for coaling B. & O. engines.

Just a trace of gas is found in this mine. Drainage is good.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes was found to be in use.

With the present mine development and a full force of men this mine is capable of producing 3000 tons per day.

The second opening meets all the requirements of the law.

There was one fatal accident in this mine. The man instead of coming out the man way came up the empty track and was caught by a trip of empties. He afterwards died.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to May, 1907, has been furnished this office. This mine was reported last year as Hitchman mine, No. 42 of the printed report.

W. H. KOCH and E. C. PICKETT, Supts.

JOHN HULL, Mine Boss.

CHAS. ISIGA AND ISAAC MURRAY, Fire Bosses.

BOGGS RUN MINING AND MANUFACTURING COMPANY.

No. 43. *Boggs Run Mine*.—This mine is located on the B. & O. R. R. in Benwood. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is only fair. Drainage is only fair.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil is used for illuminating purposes.

The second opening is only fairly good.

With present mine development and a full force of men this mine is capable of producing 288 tons per day.

Rules were posted, blankets and stretchers kept on hand.

No map of this mine as required by law has been furnished this office. This mine was reported last year as Boggs Run Mine, No. 43 of the printed report.

PHILIP KUNZ, Supt.

EUGENE MILLER, Mine Boss.

WHEELING STEEL AND IRON COMPANY.

No. 44. *Benwood Mine*.—This mine is located on the B. & O. R. R. at Benwood. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is good.

Small quantities of explosive gas are found at different places in the mine.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With the present mine development and a full force of men this mine is capable of producing 1116 tons per day.

The second opening meets all the requirements of the law.

There were five accidents in this mine, one fatal caused by a fall of draw

slate; four non-fatal, two caused by fall of draw slate, one struck by a piece of iron, and one caused by firing shot.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to April, 1907, has been furnished this office. This mine was reported last year as Benwood mine, No. 44 of the printed report.

C. DAWSON, Supt.

WM. TURNBULL, Mine Boss.

GLENDALE COAL COMPANY.

No. 45. *Glendale Shaft Mine*.—This mine is located at Glendale on the B. & O. R. R. It is a shaft mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is only fair. Drainage is also only fair.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With the present mine development and a full force of men this mine is capable of producing 1600 tons per day.

The second opening is in a fairly good shape.

There were two fatal accidents in this mine, both caused by a fall of draw slate.

Rules were posted, blankets and stretchers kept on hand.

Recommendations have been offered in regard to both ventilation and drainage.

There has been no map of this mine furnished this office as is required by law. This mine was reported last year as Glendale Shaft mine, No. 45 of the printed report.

W. H. KOCH and E. C. PICKETT, Supts.

GEO. ROBSON, Mine Boss.

MIKE FREEMAN, Fire Boss.

CLEARFIELD & OHIO RIVER COAL COMPANY.

No. 46. *Mound City or Moundsville Shaft*.—This mine is located on the B. & O. R. R. at the northern extremity of Moundsville. It is a shaft mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is only fair on account of water being in the air course as a result of the recent flood. Drainage is only fair. Recommendations have been offered in regard to ventilation and drainage and also in regard to timbering along the main haulway.

All the powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With the present mine development and a full force of men this mine is capable of producing 600 tons per day.

The second opening is only in a fair condition.

There was one fatal accident caused by a fall of slate.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to April, 1906, has been furnished this office. This mine was reported last year as Moundsville shaft mine, No. 46 of the printed report.

R. Y. WILLIAMS, Supt.

FRANK CLEGG, Mine Boss.

JOS. OWENS, Fire Boss.

GLEN EASTON COAL AND COKE COMPANY.

No. 47. *Glen Easton Mine.*—This mine is located on Big Grave Creek at the southern extremity of Moundsville. It is a shaft mine operating the Pittsburg Coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is good. Gas has been found in dangerous quantities but is now kept clear by means of canvass brattices.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With present mine development and a full force of men this mine is capable of producing 400 tons per day.

As the bucket is not a safe and available way to escape from the mine in case of immediate danger, a cage has been recommended to be placed in the second opening.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to Jan., 1907, has been furnished this office.

This mine was reported last year as Mouongah Mine, No. 2, No. 17 of printed report.

GEO. W. GEHRES and CHAS. FOX, Supts. WM. FOX, Mine Boss.

JAMES EXTON, Fire Boss.

BITUMINOUS COAL COMPANY OF AMERICA.

No. 48. This mine is a shaft which is just being sunk, but has not as yet reached the coal.

O. K. WARD, Supt.

*OHIO COUNTY.**JOCHUM & COMPANY.*

No. 49. *Central or Jochum Mine.*—This mine has been operated for the past three years only by the men that own it and it does not come under the jurisdiction of the law.

JOHN JOCHUM, Supt. and Mine Boss.

RICHLAND COAL COMPANY.

No. 50. *Richland Mine.*—This mine is located about one mile north of Wheeling on a branch of the P. C. C. & St. L. R. R. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is fairly good. Drainage is only fair through the mine.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With present mine development and a full force of men this mine is capable of producing 756 tons per day.

The second opening is fairly good.

There was one fatal accident in this mine caused by a fall of draw slate.

Rules were posted, blankets and stretchers kept on hand.

A map of this mine extended to July, 1907, has been furnished this office. This mine was reported last year as Richland mine, No. 49 of the printed report.

P. L. EVANS and PAUL LEONARD, Supts. CHAS. AITKEN, Mine Boss.

THE ELM GROVE COAL COMPANY.

No. 51. *Elm Grove Shaft Mine*.—This mine is located at Elm Grove on the B. & O. R. R. It is a shaft mine operating the Pittsburg coal on the double entry system. It is ventilated by a fan and is now good.

Drainage is also good.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With present mine development and a full force of men this mine is capable of producing 520 tons of coal per day.

There was one fatal accident, caused by coming in contact with a live electric wire.

Rules were not posted, blankets and stretchers were not kept on hand.

No map of this mine has yet been furnished this office although they have been repeatedly notified.

The second opening is fairly good.

The Elm Grove Coal Company was enjoined from operating their mine contrary to the mining law by the Circuit Court of W. Va., 1st District. Having complied with the injunction, permission was given to resume operation. This mine was reported last year as Elm Grove mine, No. 50 of the printed report.

J. B. CHAMBERS, Supt.

PETER LOWTHER, Mine Boss.

REYMANN BREWING COMPANY.

No. 52. *Manchester Mine*.—This mine is located in East Wheeling on the Wheeling and Lake Erie R. R.. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is good. Drainage is also good.

All powder is carried into the mine in cans of five pound capacity.

A good quality of oil for illuminating purposes is in use.

With the present mine development and a full force of men this mine is capable of producing 100 tons of coal per day.

The second opening meets all the requirements of the law.

Rules were posted, blankets and stretchers were kept on hand.

A map of this mine has been furnished this office but it is so old that you cannot find the date on it.

This mine was reported last year as Manchester mine, No. 51 of the printed report.

C. C. SCHMIDT, Supt.

JOHN DONAHUE, Mine Boss.

WHEELING STEAM COAL COMPANY.

No. 53. *Wheeling Steam or McKinley Mine*.—This mine is located in East Wheeling on the Wheeling & Lake Erie R. R. It is a drift mine oper-

ating the Pittsburg coal on the double entry system. The ventilation is produced by a furnace and is only fair. Drainage is also only fair. The roof in this mine is bad in some portions but it is very well timbered.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With the present mine development and a full force of men this mine is capable of producing 200 tons per day.

The second opening is only fair.

Rules were posted, but no blankets or stretchers kept on hand.

No map since June, 1904, has been furnished this office.

This mine was reported last year as Wheeling Steam mine, No. 52 of the printed report.

PAUL LEONARD, Supt.

ALBERT ROSE, Mine Boss.

WHITAKER-GLESSNER COMPANY.

No. 54. *Carter or Whitaker Mine.*—This mine is in East Wheeling on the Wheeling and Lake Erie R. R. It is a drift opening operating the Pittsburg coal on the double entry system. Ventilation is produced by a fan and is only fair but since a larger motor has been connected to the fan, ventilation is good.

The powder is carried into this mine in original kegs but was ordered to be stopped.

A fair quality of oil was found to be in use for illuminating purposes.

With the present mine development and a full force of men this mine is capable of producing 150 tons per day.

The second opening is in bad condition. It was recommended that the old rooms between your mine and the old Belmont mine be bratticed off to exclude the black damp entering there. Also that the main haulway be timbered as it is in a bad condition. This timbering is now being done. About one half of it is now completed.

Rules were posted, blankets and stretchers kept on hand.

No map of this mine has yet been furnished this office.

This mine was reported last year as Whitaker Mine, No. 53 of the printed report.

W. H. KASLEY, Supt.

W. H. MAGRUDER, Mine Boss.

LA BELLE IRON WORKS.

No. 55. *La Belle Mine.*—This mine is located on the south side of Caldwell's Run in Wheeling. This is an old mine but has not been in operation for some time before this year and has not been in operation all of the present year. It is a drift mine operating the Pittsburg coal on the double entry system. Ventilation is produced by a furnace and is only fair. A fan has been recommended. Drainage is bad. Recommendations have been offered in regard to drainage.

All powder is carried into the mine in cans of five pounds capacity.

A fair quality of oil for illuminating purposes is in use.

With the present development and a full force of men this mine is capable of producing 150 tons per day.

The second opening is only in a fair condition.

Rules were posted, but no blankets or stretchers kept on hand.

No map of this mine has yet been furnished this office.

P. J. HARRIGAN, Supt.

W. H. BLON and J. BLONDIN, Mine Bosses.

J. S. CREIGHTON.

No. 56. *Creighton Mine*.—This mine is operating the Pittsburg coal, is ventilated by a fan, furnishes coal for the local trade, employing only a few men, and did not come under the jurisdiction of the mine law.

J. S. CREIGHTON, Supt.

DANIEL SHAW, Mine Boss.

PETER STORCH & SONS.

No. 57. *Storch Mine*.—This mine only employs five men, and did not until the latter part of May, 1907, come under the jurisdiction of the Mine Law.

PETER STORCH, Supt. and Mine Boss.

SECOND DISTRICT

*GENERAL SUMMARY OF THE SECOND DISTRICT FOR THE YEAR
ENDING JUNE 30, 1907.*

COUNTY.	No. of Openings.	No. Persons Killed	EMPLOYEES.									Production of		
			Inside.					Outside.				Sum Total.	Coal (tons of 2,240 lbs)	Coke (tons of 2,000 lbs)
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Total.	Laborers.	Coke Workers.	Total.				
Barbour.....	22	..	235	289	67	250	841	175	67	242	1,083	776,245	34,080	
*Gilmer.....	1	..	3	..	..	12	5	..	..	..	7	312	..
Harrison....	67	8	583	1,141	309	817	2,850	549	40	589	3,439	3,343,319	22,390	
Lewis.....	3	..	14	..	..	3	17	4	..	4	21	5,528	..
Taylor.....	15	1	265	56	7	88	416	93	5	98	514	416,138	1,747	
Upshur.....	5	12	37	16	6	18	77	28	8	36	113	39,502	2,100	
Totals. ..	113	21	1,137	1,502	389	1,178	4,206	851	120	971	5,177	4,581,044	60,267	

*The mines in Gilmer County were inspected by the Inspector of the Fourth District.

OFFICE OF SECOND DISTRICT MINE INSPECTOR,

Clarksburg, W. Va., August 18th, 1907.

HON. J. W. PAUL,

Chief of the Department of Mines,

Charleston, West Virginia,

DEAR SIR:—I have the honor in compliance with the law creating the department of mines in the State of West Virginia to submit to you my annual report for the year ending June 30th, 1907. This the 2nd District, is composed of the following Counties, viz.: Barbour, Calhoun, Doddridge, Harrison, Lewis, Ritchie, Taylor, Upshur, Webster and Gilmer. The above named counties have all told, 113 openings including those reported last year not being in operation, and several new ones being made which have not reached that stage of development which would classify them as commercial mines, but the working plans and the property of these new operations have been looked over by the writer. The above named counties have openings as follows: Barbour 22, Harrison 67, Lewis 3, Taylor 15, Upshur 5, Gilmer 1. Total 113.

I am pleased to report to you that the sanitary condition of the mines in this district with few exceptions have very much improved since my last report, as the majority of the mines in this District are being better taken care of in the way of constructing more serviceable stoppings, which separate the air currents and mine officials are taking more interest in the proper distribution of the air than they formerly did. The majority of them have Anemometers and I am gratified to see the interest taken, and also the great improvements made since my last report.

With few exceptions the mines working the famous Pittsburg seam have a top, that when all the coal has been moved and no head coal left and the overlying strata is exposed to the air that it disintegrates to such an extent as to make it very dangerous, especially so in the heated summer months, when the air is full of moisture. This condition makes it also very expensive on the operators to keep the air courses clean in such a manner as to properly ventilate the mine and also makes it necessary for the Inspector on making an examination as well as the officials who have charge of the mine to travel air courses as well as the haulways and see to it that all falls that are impediments to the passing air be removed. This is not the case however with the Freeport Mines for they as a rule have a very good top.

Several of the mines of this District are inclined to be dry and dusty so much so that if it was not for the system of wetting which I have insisted on that in a very short time in my judgment a dangerous accumulation would be found, which under favorable conditions would cause a disastrous explosion, but I have used much insistence both orally and with my certificates that these dry mines and dry sections of mines be kept properly wet, in such a manner to prevent dangerous accumulations of dust, and in most cases have had the hearty co-operation of the officials on the ground, but in a few instances I have had both ignorance and obstinacy to contend with, but happily as yet have not had to resort to legal proceedings to have the law complied with in this respect.

The class of labor employed in mines of this District have not materially changed since my last report, and very much the same conditions is found in this respect, and investigations of causes of fatal accidents, have revealed nothing to cause me to change opinions expressed in that report, but I hope by rigid enforcement of the recent enactments to at least minimize the fatal accidents and I have the assurance of the most of the operators in this District that they will heartily co-operate with me in the enforcement of the new laws when they become operative.

Solid shooting is not practiced in this district at this time to a very great extent as the present rules of the operating Companies forbid it except under lawful provisions which will be in effect in a few days. The Powder used for shooting the coal is taken into the mines in metallic cannisters not to exceed five pounds capacity in all the mines in this District.

The quality of illuminating oil used inside by the workmen has been greatly improved since last report, as a number of the operators as well as a large number of the workmen co-operated with the Inspector to have the laws complied with, and the result is that little oil of an inferior grade is used inside at this time. There has been quite a number of new operations started since my last report but with the exceptions of five, they are as yet not shipping coal. The five mines which are shipping coal at this time are the Adrian mine on the Coal & Coke R. R., three miles West of Sago in Upshur county. Sarah B No. 1 mine at Jacksonville, Lewis county, on the Coal and Coke R. R. The Naomi mine belonging to the Jane Lew Coal and Coke Co. at McWhorter, Harrison county, West Virginia, on the West Virginia and Pittsburg Branch of the B. & O.

R. R. The Moore Mine belonging to the Central Fairmont Coal Company at Clarksburg, Harrison County, West Virginia, and The Winona Coal and Coke Company's Mine at Coffman, Taylor County, West Virginia $4\frac{1}{2}$ miles north-west of Grafton. There are quite a number of other new operations started which will be detailed to you under the head of condition of mines in the 2nd District and will not receive special mention in this letter.

I am well pleased with the new enactments and think that rigid enforcements of the same will prove very beneficial to miners and operators and it is with a great deal of satisfaction that I have noticed the very apparent interest taken by the operators of this district in having a perfect understanding of the new laws with a view of having them fully complied with. A good portion of the past year the writer has been laboring under the most adverse and unfavorable circumstances on account of serious illness of his family and has not accomplished as much as he had desired, but in most instances he has received most hearty co-operations of both miners and operators, and in conclusion I wish to thank the miners and the operators of the District for the assistance and many courtesies received at their hands, and also thank you for the advice and assistance rendered which is fully appreciated on my part.

FRANK E. PARSONS.

Inspector of Mines, Second District of West Virginia.

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CONDITION OF THE MINES IN THE SECOND DISTRICT.

BARBOUR COUNTY.

DAVIS COLLIERY COMPANY.

No. 58. *No. 4 or Junior No. 1, Upper Freeport, Drift.*

This mine is located 5 miles north east of Belington on the W. M. R. R. It is opened up on the double entry system and the ventilation is produced by a 16 foot fan. It is good throughout the mine. No gas has ever been found in these works. The top or overlying strata is exceedingly bad and requires very careful attention, which is only fairly well looked after. This operation manufactures an exceedingly high grade of coke having a plant of 51 ovens of the Bee Hive Type. All of which were in operation on date of last visit. The coal is mined by pick and hauled to the junction with mules from thence it is taken to the tippie by the head rope system. This mine complied with the law in every respect on date of last visit. With a full force of men and the present equipment this mine is capable of producing 700 tons per day.

This mine was reported last year as Colliery No. 4, No. 54 of the printed report.

H. C. HASKINS, Superintendent.

J. M. KNAGGS, Mine Foreman.

PHILIPPI COLLIERIES COMPANY.

Nos. 59, 60, 61 and 62. *Meriden Nos. 1, 2, 3 and 4 Upper Freeport Seam. Drifts.*

These mines are located $1\frac{1}{2}$ miles north of Philippi on the G. & B. Branch of the B. & O. R. R. They are ventilated by an 18 foot fan of the blower type and the ventilation has always been found good. They are opened up on the double entry system. These four natural and distinct openings are connected under ground. Two tipples have been constructed one being at the mouth of No. 2 opening and the other being at the mouth of No. 4 opening, but during the past year the coal has all been hauled and dumped over the tipple which stands at the mouth of No. 2 opening. The coal is cut and hauled by electricity. These mines are very dry and dusty and it has been with a very great deal of insistence on the inspector's part that the dust has been properly wet, as they formerly mined the coal by electric machines of the chain type and stored the dust on the inside, this being considered dangerous by the inspector it was ordered immediately stopped, which was done, also a large quantity of the dust was removed from these mines to the outside, and two sprinkling cars were made for the purpose of wetting the mine, which I have been informed by the workmen and by the management has been done. This Company is at the present time in the hands of a receiver. This is a coke plant having 50 ovens of the Bee Hive type which were in blast on date of last visit and I was informed that the product gave very good satisfaction to their customers. The State Mine Law was being observed at this plant. With the present equipment and with a full force of men this mine is capable of producing 1500 tons daily. These mines were reported last year as Meriden Nos. 1, 2, 3 and 4, Numbers 55 and 56 of the printed report.

C. H. ULERY and O. D. STRADER, Superintendents.

JOHN McDONELL and THOS. McDONELL, Mine Foremen.

No. 63. *Meriden No. 5 Mine, Mahoning Seam Drift.*

This mine is located $1\frac{1}{4}$ miles north of Philippi on the G. & B. branch of the B. & O. R. R. It is opened up on the double entry system and the ventilation which on date of last visit was natural was very sluggish throughout the mine. The top is good and the timber is being carefully looked after. It is undercut by machines of the electric type and is hauled to a temporary tipple by mules. The product of this mine is used exclusively for the manufacture of coke. On date of last visit this mine was found very dry and dusty and it was found necessary to recommend that it be kept very wet in order to prevent a dangerous accumulation of dust. With the present mine development and a full force of men this mine is capable of producing 200 tons daily. This mine was reported last year as Meriden No. 5, No. 57 of the printer report.

C. H. ULERY and O. D. STRADER, Superintendents.

THOS. McDONELL, JAMES RIGGINS and T. C. HULTON, Mine Foremen.

TYGARTS RIVER COAL COMPANY.

No. 64. *Arden Mine, Upper Freeport Seam. Drift.*

This mine is located $8\frac{1}{2}$ miles north of Philippi on the G. & B. Branch of the B. & O. R. R. It is opened up on the double entry system and

the ventilation which is produced by a 12 foot fan has always been found fairly good throughout the workings. The top is exceedingly good and timbering is carefully looked after. Some sections of the mine is dry and dusty and was recommended by the inspector to be kept thoroughly wet. The coal is undercut by compressed air machines of the puncher type and is hauled to the junction on the inside with mules and is lowered to the tippie by a tail rope. General safety is good. The mine laws are being complied with. With the present mine development and with a full force of men this mine is capable of producing 600 tons per day. This mine was reported last year as Arden Mine, No. 58 of the printed report.

CHAS. A. COOK, Supt.

CHAS. CRONK and H. V. HOFFMAN, Mine Foremen.

SOUTHERN COAL AND TRANSPORTATION COMPANY.

No. 65. *Berryburg Mine, Pittsburg Seam, Drift.*

This mine is located 6 miles north east of Philippi on a branch of the G. & B. branch of the B. & O. R. R. and known as the Berryburg branch. It is opened up on the double entry system and the ventilation which is produced by a 11 foot fan has been greatly improved during the past year, by reason of the construction of concrete brattices along main haulways and by reason of other improvements made in the air courses and etc. This mine generates Marsh Gas in some sections of the mine, but on dates of visit was being fairly well taken care of by means of wooden brattices, but my certificate recommended that concrete brattices be constructed in this section of the mine, which was done as I am informed by the management. This mine is also very dry and dusty in some sections, and my certificates have recommended that these sections be kept thoroughly wet at all times so as to prevent a dangerous accumulation of dust. The coal is undercut by machines of both the compressed air and chain electric type, and is hauled to the tippie by electric motors. The top in this mine is of a dangerous character and requires very careful timbering which is being fairly well looked after. State Mine Law is being complied with. With a full force of men and with present equipment this mine is capable of producing 2000 tons daily. This mine was reported last year as Berryburg, No. 59 of the printed report.

W. W. FERGUSON, Superintendent.

LEE COTRILL, Mine Foreman.

ALLEN FARRENCE AND JOHN HEDRICK AND OTHERS, Fire bosses.

LAUREL CREEK COAL COMPANY.

No. 66. *Laurel Creek Mine, Upper Freeport Seam, Drift.*

This mine is located 9 miles north of Philippi on the G. & B. branch of the B. & O. R. R. It is opened up on the double entry system and the ventilation is produced by a Firebasket which has always been found ample to fully comply with the State Mine Law. The top is exceedingly good throughout this mine and timbering is carefully looked after. Some sections of this mine was found to be dry and dusty and was recom-

mended by my certificate to be kept thoroughly wet. The coal is undercut by picks and hauled to the drift mouth by means of mules and lowered to the tippie by gravity plane. The State Mine Law is being complied with. With the present mine development and with a full force of men this mine is capable of producing 250 tons daily.

This mine was reported last year as Laurel Creek Mine, No. 60 of the printed report.

W. S. BRYDON, Superintendent.

C. B. TREMBLE, Mine Foreman.

THE CENTURY COAL COMPANY OF WEST VIRGINIA.

No. 67 Century Shaft Mine No. 1, Red Stone Seam. Shaft.

This mine is located 6 miles from Lemly Junction on a branch of the Belington and Buckhannon branch of the B. & O. R. R. It is opened up on the triple entry system. The ventilation which is produced by a twenty foot fan has always been found good. Marsh Gas is generated in several sections of this mine and it was found necessary on date of last visit to recommend to the management, that concrete brattices be constructed on the Butt or room entries, so as to insure good ventilation throughout the working sections of the mine, and enable them to properly take care of any dangerous accumulation of gas that they might encounter. This I am informed, they are at this time carrying out. Some sections of this mine also is very dry and dusty especially so in the winter time. It was found necessary to recommend to them that these sections be kept thoroughly wet. The top is exceedingly good in some sections of this mine and in other sections it is exceedingly bad. The drainage is exceedingly good in most sections but in a few sections of the mine it was exceedingly bad. Proper recommendations were made to the management to take care of this water. The coal is undercut and hauled by electricity. This is one of the model mines of this region as all of its machinery and equipments are the latest designs, the State Mine Law is being complied with. With a full force of men and the present mine equipment this mine is capable of producing 1800 tons daily.

This mine was reported last year as Century Shaft No. 1, No. 61 of the printed report.

JOHN STROTHER, Superintendent.

ED. WILLIAMS, Mine Foreman.

WM. CORDER, Fire Boss.

No. 68. Century Mine No. 2, Redstone Seam, Drift.

This mine is located 4 miles from Lemly Junction on the branch of the Belington and Buckhannon branch of the B. & O. R. R. This mine is opened up on the double entry system and the ventilation which is produced by a furnace has always been found sufficient to fully comply with the state mine law. Drainage is bad in some sections of this mine on account of the main entry being driven to the dip. The roof is only fair and timbering is being carefully looked after. This mine has not been in operation to any extent during the last year. No gas has ever been found in the mine and the State Mine Law is being fully complied with. With a full force of men and with the present equipment and de-

velopment this mine would be capable of producing 200 tons daily. This mine was reported last year as Century Drift, No. 62 of the printed report.

JOHN STROTHER, Supt.

ED. WILLIAMS, Mine Foreman.

GRAFTON FUEL COMPANY.

No. 69. Lillian Mine No. 1. Mahoning Seam, Drift.

This mine is located 5 miles south of Philippi on the G. & B. Branch of the B. & O. R. R. It is opened up on the double entry system and the ventilation which is produced by a fire basket has always been found to fully comply with the State Mine Law. This mine is very dry and dusty in some sections and it was found necessary to recommend that it be kept thoroughly wet. In such a manner to prevent a dangerous accumulation of dust. The top is exceedingly good throughout the mine, and timbering is being carefully looked after. The coal is undercut by compressed air machines of the puncher type and hauled to the drift mouth by mules and lowered to the tippie by traction plane. With a full force of men and with the present equipment this mine is capable of producing 300 tons daily.

This mine was reported last year as Lillian No. 1, No. 63 of the printed report.

W. S. BRYDON, Supt.

FANK ROBINSON, Mine Foreman.

G. L. CAMPBELL, Asst. Supt.

No. 70. Lillian Mine No. 2. Upper Freeport Seam, Drift.

This mine is located 5 miles south of Philippi on the G. & B. Branch of the B. & O. R. R. It is opened up on the triple entry system. Ventilation is produced by a fire basket and has always been found ample. This mine is dry and dusty in some sections and it was found necessary to recommend that these sections be kept thoroughly wet to prevent dangerous accumulations of dust. The coal is undercut by compressed air machines of the puncher type and hauled to the tippie by mules. The top is exceedingly good in all or nearly all sections of the mine. The State Mine Law is being fully complied with. With the present equipment and with a full force of men this mine is capable of producing 400 tons daily.

This mine was reported last year as Lillian No. 2, No. 64 of the printed report.

W. S. BRYDON, Supt.

FRANK ROBINSON, Mine Foreman.

G. L. CAMPBELL, Asst. Supt.

No. 71. Lillian Mine No. 3. Lower Freeport Seam, Drift.

This mine is located 5 miles south of Philippi on the G. & B. Branch of the B. & O. R. R. This mine has not been in operation to any extent during the past year. It is opened up on the single entry system and when working but two men were employed on the inside. On date of last visit was found idle. There is no prospect of an early resumption as conditions on the inside were very unfavorable to profitable mining.

This mine is capable of producing from 8 to 10 tons daily. This mine was reported last year as Lillian No. 3 mine, No. 65 of the printed report.

W. S. BRYDON, Supt.

FRANK ROBINSON, Mine Foreman.

G. L. CAMPBELL, Asst. Supt.

THE PENNSYLVANIA COAL AND MINING COMPANY.

No. 72. *Adma Mine. Lower Freeport Vein. Drift.*

This mine is located 9 miles south of Philippi on the G. & B. Branch of the B. & O. R. R. This mine is opened up on the double entry system and the ventilation which is produced by an open grate was found only fair. The roof is exceedingly good and the timbering is being carefully looked after. Coal is being undercut with picks and hauled to the drift mouth with mules and lowered to the tippie by traction plane. State Mine Law is being complied with. The condition in this mine has been very unfavorable as they encountered a very bad fault or displacement but on date of last visit the management was very much encouraged as the prospects seemed to be improving. With a full force of men and with the present development this mine is capable of producing 100 tons daily.

This mine was reported last year as Adma, No. 66 of the printed report.

H. M. WETZEL, Supt.

J. PITTMAN AND

JOHN ENSMINGER, Mine Foremen.

DAVIS COAL AND COKE COMPANY.

No. 73. *Weaver Mine No. 3. Upper Freeport Seam. Drift.*

This mine is located seven and a half miles south-east of Belington on the Belington and Beaver Creek Valley R. R. It is opened up on the double entry system and the ventilation is natural as there are several openings to the outside with quite a difference in elevations between the openings. The conditions are very favorable for natural ventilation, should they comply with the law, in reference to having cross-cuts regularly cut and at least two entries paralleling each other, but on date of last visit I found they were not complying with the law in these respects and found it necessary to ask the management to stop several of the working places until they could get proper ventilation which they promptly did. The roof in this mine is exceedingly good throughout, as they are maintaining three foot of head coal. The grades are very steep in many cases reaching as much as 10 percent. Coal is undercut with picks and hauled to the tippie by mules. With the present development and equipment this mine is capable of producing 200 tons daily.

This mine was reported last year as Weaver No. 3 Mine, No. 69 of the printed report.

M. L. GARVEY, Supt.

J. A. LAKE, Mine Foreman.

No. 74. *Weaver No. 4 or Dartmoor Mine. Upper Freeport. Slope.*

This mine is located 3 miles south of Belington on the Western Mary-

land R. R. It is opened up on the double entry system and the ventilation which is produced by a furnace is only fair. The drainage is very bad. The roof is bad. Timbering fairly well looked after. On dates of visits but very few men were found working on the inside. Do not think that they have ever exceeded ten men on the inside as the conditions are rather bad for profitable mining. The second opening at this mine would not comply with the law in case they exceeded twenty men on the inside, otherwise the law was being complied with. With the present development and equipment this mine is capable of producing 100 tons daily.

This mine was reported last year as Weaver No. 4 Mine, No. 68 of the printed report.

M. L. GARVEY, Supt.

J. L. JEFFERYS, Mine Foreman.

MILLER COAL AND COKE COMPANY.

No. 75. *Sara Mine, Upper Freeport Seam, Drift.*

This mine is located three-fourths of a mile south of Junior on the Western Maryland R. R. It is opened up on the double entry system and the ventilation which is produced by a 7 foot fan is exceedingly good throughout the workings. Drainage is fair. The roof is fair and timbering is being carefully looked after. Coal is undercut with electric machines of the chain type. The coal is hauled to the tippie by electric motor. At date of last visit they were starting the construction of 20 coke ovens of the Bee Hive type. With a full force of men and present equipment this mine is capable of producing 250 tons daily.

This mine was reported last year as Sara Mine, No. 70 of the printed report.

J. W. S. MILLER, Supt.

Wm. KOOSER, Mine Foreman.

PENNSYLVANIA FUEL COMPANY.

No. 76. *Volga No. 1 Mine, Mahoning Seam, Shaft.*

This mine is located 1 mile from Lemley Junction on the Belington and Buckhannon branch of the B. & O. R. R. It is opened up on the double entry system. Ventilation is produced by a 7 foot fan. Coal is undercut by compressed air machines of the puncher type. This mine has not been in operation during the past year, and no regular inspection has been made during the past year for this reason. With a full force of men and with the present mine development this mine would be capable of producing 100 tons daily.

This mine was reported last year as Volga No. 1 Mine, No. 71 of the printed report.

W. S. SHRADER, Supt.

D. E. BROWN, Mine Foreman.

MIDLAND COAL AND COKE COMPANY.

No. 77. *Midland Mine, Upper Freeport Seam, Shaft.*

This mine is located three-fourths of a mile north-east of Hackers Junction on a branch off of the Berryburg branch off of the B. & O. R. R. It

is opened up on the double entry system and on date of last visit the ventilation was natural as they have not yet completed the installation of the fan which they were busy at doing on date of last visit. They were also installing an up to date electric equipment for the purpose of undercutting and hauling the coal. They have completed 100 coke ovens of the Bee Hive type, also have built a washer for the purpose of washing the coal. This plant when completed will be one of the model mines of this region as conditions on the inside are very favorable for its successful operation other than quite a large quantity of water accumulates in the mine which will necessarily have to be handled with pumps which will add to the cost of mining. The mine on date of visit had developments sufficient to produce 100 tons of coal daily but should, when they complete their electric plant, have development enough to produce 300 tons daily.

This mine last year was reported as Midland Shaft, No. 72 of the printed report.

H. M. CRAWFORD, Supt.

G. W. DAWSON, Mine Foreman.

VALLEY COAL AND COKE COMPANY.

No. 78. *Valley Mine, Upper Freeport Seam, Drift.*

This mine is located one and one half miles north of Belington on the Belington branch of the B. & O. R. R. and has not been in operation during the past year.

This mine was reported last year as Valley Mine, No. 73 of the printed report.

F. A. COLEMAN, Supt.

CLEMENTS COAL AND COKE COMPANY.

No. 79. *Clements Mine, Lower Freeport Seam, Drift.*

This mine is located 12 miles south of Philippi on the G. & B. branch of the B. & O. R. R. and is opened up on the double entry system. The ventilation is produced by a fire basket. This mine has not been in operation during the past year and on date of last visit on inquiry I could learn nothing as to an early resumption of this mine. With the present equipment and development this mine would be capable of producing 100 tons daily.

This mine was reported last year as Clements Mine, No. 67 of the printed report.

W. P. HURST, Supt.

HARRISON COUNTY.

CLARKSBURG FUEL COMPANY.

No. 81. *Pinnickinnick Mine, Pittsburg Seam, Drift.*

This mine is located 1 mile east of Clarksburg on the B. & O. R. R. It is opened up on the double entry system and the ventilation which is

produced by a 16 foot fan is good throughout the mine, no gas was ever discovered in this mine. The coal is undercut by machines of both the electric chain cutter and compressed air puncher types. The coal is hauled to the junction on the inside by electric motor it is taken thence to the tippie by engine plane with the endless rope system. The roof in this mine is rather dangerous being draw slate but the timbering is being carefully looked after. All loose and over-hanging slate along haulway is being taken down and removed. All the employes burn oil sold them by the operating company, which meets the requirements of the State Mine Law. All other State Mine Laws are being well observed at this time. With the present mine development and equipment and with a full force of men this mine is capable of producing 1800 tons daily.

This mine was reported last year as Pinnickinnick Mine, No. 75 of the printed report.

J. H. NUZUM, Supt.

THOS. POLLOCK, Mine Foreman.

LOUIS DORSEY, Asst. Mine Foreman.

No. 82. *Fall Run Mine, Pittsburg Seam, Drift.*

This mine is located three miles north of Clarksburg on the M. R. division of the B. & O. R. R. It is ventilated from Pinnickinnick Mine. The ventilation of which is only fair but it will be necessary in the very near future to install a fan for the proper ventilation of the mine. The roof is only fairly good throughout the mine. The timbering is being promptly looked after. The coal is undercut by the electric chain cutter and hauled to the tippie by an electric motor which has been installed since my last report. This mine meets with all the requirements of the State Mine Law. With the present mine development and with a full force of men and present equipment this mine is capable of producing 1200 tons daily.

This mine was reported last year as Fall Run Mine, No. 76 of the printed report.

H. H. WATSON, Supt.

E. G. VINCENT, Mine Foreman.

No. 83. *Dixie Mine, Pittsburg Seam, Drift.*

This mine is located two miles south of Clarksburg on the West Virginia & Pittsburg Branch of the B. & O. R. R. The ventilation which is produced in some sections of this mine by a furnace and in other sections natural has always been found sufficient to fully comply with the law. No gas has ever been found in this mine. The road ways are very muddy by reason of the drainage being rather bad and the bottom being very soft. The top is very bad. The overlying strata being very soft which disintergrates and falls badly during summer months. Timbering is carefully looked after in the working places. The condition along the main haulways in this mine is very bad as to timbering. This mine with the present equipment and with a full force of men is capable of producing 200 tons daily.

This mine was reported last year as the Dixie Mine, No. 77 of the printed report.

GEO. W. ELIASON, Supt.

GEO. W. ELIASON, Mine Foreman.

No. 84. *Two Lick Mine, Pittsburg Seam, Drift.*

This mine is located six miles south of Clarksburg on the W. Va., & Pittsburg Branch of the B. & O. R. R. The ventilation which is produced by a 7 foot Stine fan which has been recently re-installed which gives much better results is good throughout the mine. This mine liberates small quantities of Marsh gas but was being well taken care of on date of my last visit by means of ample ventilation. Great improvement has been made during the past year in drainage at this mine. The ditch mentioned in last report being completed, which prevents a re-occurrence of the flooding before mentioned. The roof in some sections of this mine is exceedingly good and in other sections it is dangerous. Timbering is being carefully looked after. Coal is being undercut and hauled by electricity. The oil which is sold by the operative company and used by the employes meets with the requirements of the law. The Mine Laws are being well observed at this mine. With the present development and equipment this mine is capable of producing 1200 tons daily.

This mine was reported last year as Two Lick Mine, No. 78 of the printed report.

LOWELL CHILDS, Supt.

CHAS. GANDY, Mine Foreman.

No. 85. *Interstate Mine No. 1, Pittsburg Seam, Drift.*

This mine is located nine miles south of Clarksburg on the W. Va., & Pittsburg Branch of the B. & O. R. R., and during the past year has not been in operation. A force of men were engaged for a short time to clean up with a view for operating but for some reason unknown to the inspector work was stopped and at this time the mine is idle.

This mine was not reported last year.

LOWELL CHILDS, Supt.

B. H. MONROE, Mine Foreman.

LEWIS KEENER, Asst. Supt.

No. 86. *Interstate Mine, Pittsburg Seam, Drift.*

This mine is located nine miles south of Clarksburg on the W. Va., & Pittsburg Branch of the B. & O. R. R. It is opened up on the triple entry system. The ventilation which is produced by a 15 foot fan meets fully the requirements of the law. No gas has ever been found. The coal is cut by compressed air puncher machines and is hauled to drift mouth by mules and horses. The roof in this mine in large sections is exceedingly good, and in other sections it is of a very dangerous character. Timber is being well looked after. The oil meets the requirements of the law. All other State Mine Laws are being complied with at this mine. With a full force of men this mine is capable of producing 1200 tons daily.

This mine was reported last year as Interstate Mine, No. 79 of the printed report.

LOWELL CHILDS, Supt.

JESSE THOMAS, Mine Foreman.

LEWIS KEENER, Asst. Supt.

No. 87. *O'Neil Mines, Nos. 1, 2, 3 and 4, Pittsburg Seam, Drift.*

These mines are located five miles west of Clarksburg on the B. & O.

R. R. They are opened up on the double entry system. The ventilation is produced by two 10 foot curve blade fans and has always been found to fully comply with the State Laws. The roof coal is maintained throughout this mine, as the overlying strata is of a very dangerous nature when exposed to the air. The present operation is confined to No. 4 drift. These mines are all connected under ground. The drainage is fairly good throughout. No gas has ever been found in these mines. Timbering is very carefully looked after. This mine was formerly ventilated by one fan only but on recommendation of the inspector the additional fan was installed. The coal in these mines is undercut by compressed air machines of the puncher type. Hauled to the tippie by mules and horses. The oil sold by the operating company and used by the employes meets fully the requirements of the State Mine Law. Mine laws are being well observed at these mines and with the present equipment and a full force of men they are capable of producing 1000 tons daily.

These mines were reported last year as O'Neil Nos. 1, 2, 3 and 4, No. 80 of the printed report.

J. R. ELSESS, Supt.

S. S. SCHRADER, Mine Foreman.

No. 88. *Despard Mine, Pittsburg Seam, Drift.*

This mine is located one and one half miles east of Clarksburg on the B. & O. R. R. And has not been in operation during the past year but at this time the company has a force of men engaged in cleaning it up for the purpose of operation. It will be made an up to date mining plant with the latest electrical equipment of undercutting and hauling coal.

J. H. NUZUM, Supt.

FAIRMONT COAL COMPANY.

No. 89. *Enterprise Mine, Pittsburg Seam. Slope.*

This mine is located 13 miles south of Fairmont on the M. R. division of the B. & O. R. R. It is opened up on the triple entry system. The ventilation which is produced by a 20 foot Capell fan has always been found to fully comply with the State Mine Law. No gas has ever been found in this mine. Coal is cut and hauled by electricity. The roof in this mine in some sections is very bad but timbering is well looked after and all loose and overhanging slate is promptly looked after and removed. With the present mine development and with a full force of men this mine is capable of producing 1800 tons daily.

This mine fully meets with the requirements of the State Mine Law.

This mine was reported last year as Enterprise Mine, No. 81 of the printed report.

G. W. FLEMING, Supt.

THOS. SMITH, Mine Foreman.

H. C. ICE, Asst. Supt.

No. 90. *Viropa Mine, Pittsburg Seam, Drift.*

This mine is located 13 miles south of Fairmont on the M. R. division of the B. & O. R. R. Ventilation is produced by a 12 foot electric fan and

is only fair throughout the workings, but on recommendation of the inspector a new fan was ordered and will be installed in the very near future, which will properly ventilate the mine workings. No gas has ever been found in this mine. The drainage is only fair throughout. The coal is being cut and hauled by electricity. The roof in this mine is rather dangerous and requires careful timbering. The laws are being fully complied with.

This mine was reported last year as Viropa Mine, No. 82 of the printed report.

With the present development and equipment this mine is capable of producing 1200 tons daily.

G. W. FLEMING, Supt.

Wm. WALLACE, Mine Foreman.

H. C. ICE, Asst. Supt.

GEO. WINTERS, Asst. Mine Foreman.

No. 91. *Ehlen Mine, Pittsburg Seam, Drift.*

This mine is located at Shinnston 17 miles south of Fairmont on the M. R. division of the B. & O. R. R. It is opened up on the double entry system. Ventilation is produced by a 12 foot curved blade fan and has always been found to fully meet the requirements of the State Mine Laws, but distribution was recommended to be bettered on last visit as it was found rather bad. Some Marsh gas is liberated but in very small quantities and is being taken care of by means of good servicable brattices. With the exception of a few local dips the drainage is fair throughout this mine. The roof is very dangerous and is made more so by the removal of all of the coal, and no head coal being maintained in large sections of the mine, but on date of last visit the management gave me the assurance that an effort would be made to catch the head coal in all the working places. The oil sold by the operating company and used by the employes meets all the requirements of the law. The State Mine Laws are being complied with.

This mine was reported last year as Ehlen Mine, No. 83 of the printed report.

THOS. JARRETT, JR., Supt.

JAS. JOHNSON, Mine Foreman.

CHAS. WATKINS, Asst. Supt.

No. 92. *Shinns Run Mine No. 3, Pittsburg Seam, Drift.*

Located 17 miles south of Fairmont at Shinnston on the M. R. Branch of the B. & O. R. R. Opened up on the double entry system. Ventilation produced by a 10 foot fan and when properly distributed is fairly good throughout the mine. No gas has ever been found in this mine. The drainage is fairly good except a few places going to the dip. The top in this mine is of a very dangerous character being of a slippery potty nature, but on date of last visit was assured by the management that they would use due diligence in catching head coal in all the working places. The oil sold by the operating company and used by the miners meets fully the requirements of the State Mine Law. The coal mined in this mine is hauled through a section of the Ehlen Mine and dumped over the Ehlen tippie. Coal is undercut by electric chain cutters and on date of last visit was hauled by means of horses and mules, but the manage-

ment was considering the installation of an electric motor at this plant.

This mine was reported last year as Shinns Run No. 3 Mine, No. 84 of the printed report.

THOS. JARRETT, JR. Supt.

JAS. JOHNSON, Mine Foreman.

CHAS. WATKINS, Asst. Supt.

No. 93. *Robinson Run Mine.*

This mine is located 13 miles north of Clarksburg on the Short Line Division of the B. & O. R. R. It is opening up on the triple entry system. They are engaged in structural work and in driving their entries. When this plant is completed it will be one of the model mines of this region. Equipped with the latest electrical devices for cutting, gathering, hauling and handling the coal, as it is the intention of the company to work no mules on the inside. This will be rather an experimental mine of this region as we have no other mine in the 2nd district of this character. This venture will be looked on with interest by the other operators. GEO. W. FLEMING, Supt.

No. 94. *Solon Mine, Pittsburg Seam, Drift.*

This mine is opened up on the triple entry system. Ventilation is produced by a 16 foot curved blade fan and has always been found to fully comply with the State Mine Laws. The drainage in the working places is good. The roof in this mine is rather bad and requires careful attention as to the timbering. Some gas is discovered, which is however, in very small quantities and on dates of visit was being well taken care of by means of concrete brattices on the mains and good servicable wooden brattices in that section of the mine where gas was found. The oil used and sold by the operating company was found to fully comply with the State Mine Law. This mine is capable of producing with a full force of men with the present development 800 tons daily.

This mine was reported last year as Solon Mine, No. 85 of the printed report.

THOS. JARRETT, JR., Supt.

GEO. B. SKINNER, Mine Foreman.

CHAS. WATKINS, Asst. Supt.

No. 95. *Gypsy Mine, Pittsburg Seam, Drift.*

This mine is located 12 miles north of Clarksburg on the M. R. Division of the B. & O. R. R. Ventilation of this mine is produced by a 20 foot fan which has always been found ample. Some little gas is found in the advance workings of this mine, but was found being well taken care of by means of servicable brattices. The drainage is fairly good. The roof is a good general average of that in the Pittsburg measure. The head coal being maintained along all the important haulways. The coal is being cut and hauled by electricity. Machines used to undercut coal being of the Jeffrey type chain cutter. This mine with a full force of men is capable of producing 1700 tons daily.

This mine was reported last year as Gypsy Mine, No. 86 of the printed report.

C. F. ICE, Supt.

BERT RUSSELL, Mine Foreman.

A. W. RAPP, Asst. Supt.

W. W. LEANORD, Asst. Mine Foreman.

F. E. GIROD, Asst. Mine Foreman.

No. 96. Harbert Mine, Pittsburg Seam, Drift.

This mine is located 12½ miles north of Clarksburg on the M. R. Division of the B. & O. R. R., and is under the same management and practically same condition exist on the inside as the Gypsy mine, as it is connected under ground with the Gypsy Mine and the coal is being hauled and dumped over the Gypsy tippie, the coal is undercut by electric chain machines and hauled by electric motor. The roof is in fair condition and timbering is good. Ventilation is produced by a 7 foot Stine fan electric which has been recently installed. The law is being fully complied with.

This mine was reported last year as Harbert Mine, No. 87 of the printed report.

The output of which is reckoned with that of the Gypsy Mine.

C. F. ICE, Supt.

BERT RUSSELL, Mine Foreman.

A. W. RAPP, Asst. Supt.

W. W. LEANORD, Asst. Mine Foreman.

F. E. GIROD, Asst. Mine Foreman.

No. 97. Maulsby Mine, Pittsburg Seam, Drift.

This mine is located 11 miles north of Clarksburg on the M. R. Branch of the B. & O. R. R., and has not been in operation during the past year. It is connected under ground with the Gypsy and Harbert Mines and is under the same management and practically the same conditions exist on the inside. This mine will be operated from the Gypsy Mine as is the Harbert Mine at this time.

This mine was reported last year as Maulsby Mine, No. 88 of the printed report.

C. F. ICE, Supt.

BERT RUSSELL, Mine Foreman.

A. W. RAPP, Asst. Supt.

W. W. LEANORD, Asst. Mine Foreman.

F. E. GIROD, Asst. Mine Foreman.

No. 98. Meadow Brook No. 1 Mine, Pittsburg Seam, Drift.

This mine is located nine miles north of Clarksburg on the M. R. Division of the B. & O. R. R. The ventilation is produced by two fans one being a 12 foot curved blade steam fan and the other being 7 foot electric Stine fan. The ventilation was found good throughout the mine workings and also all other sanitary conditions. The coal is being undercut by electric chain cutter machines and hauled by electric motor to the tippie. The roof in this mine is of a very dangerous character requiring very careful timbering which is being carefully looked after. The law is being fully complied with. This mine with a full force of men is capable of producing 500 tons per day.

This mine was reported last year as Meadow Brook Mine, No. 89 of the printed report.

P. B. ROBINSON, Supt.

C. D. POWELL, Mine Foreman.

No. 99. Meadow Brook No. 2 Mine, Pittsburg Seam, Drift.

This mine is located nine and one-fourth miles north of Clarksburg on the M. R. Division of the B. & O. R. R. The ventilation is natural and is very good throughout, by reason of the exceedingly good means of natural ventilation, as the butt entries all or nearly all of them are cut

to the outside. The drainage is only fairly good, on account of some of the working places going to the dip. The top in this mine is of a better character than of No. 1 Mine, on account of the head coal being maintained along haulways and working places. No gas is found. Coal is cut and hauled by electricity. Machines used being of the Jeffrey type. This mine is capable of producing 300 tons daily.

This mine was reported last year as Meadow Brook No. 2 Mine, No. 90 of the printed report.

P. B. ROBINSON, Supt.

C. D. POWELL, Mine Foreman.

No. 100. *Globe Mine, Pittsburg Seam, Drift.*

This mine is located six and a half miles north of Clarksburg on the M. R. Division of the B. & O. R. R. It is opened up on the double entry system. The ventilation which is produced by a 7 foot Stine Electric fan has always been found good. The drainage is fairly good throughout the workings. Top in most working places and timbering good, but along haulways in places it needed some attention on date of last visit. No gas has ever been found. The law is being fully complied with at this mine.

This mine was reported last year as Globe Mine, No. 91 of the printed report.

H. H. WATSON, Supt.

P. J. McANDREWS, Mine Foreman.

No. 101. *Dunham Mine, Pittsburg Seam, Drift.*

This mine is located 5 miles north of Clarksburg on the M. R. Branch of the B. & O. R. R. It is opened up on the triple entry system and at this time the ventilation is produced by a 12 foot electric fan which was formerly a steam fan. The ventilation is good throughout the mine. During the past year the company have installed electric motors for the transportation of the coal from the inside. The roof is fairly good throughout this mine. No gas is found. Sanitary condition is good good and the law is being fully complied with. With the present equipment and a full force of men this mine is capable of producing 1000 tons daily.

This mine was reported last year as Dunham Mine, No. 93 of the printed report.

H. H. WATSON, Supt.

S. W. LEWIS, Mine Foreman.

No. 102. *Lynch Mine, Pittsburg Seam, Drift.*

This mine is located 6 miles south of Clarksburg on the W. Va. & Pittsburg Branch of the B. & O. R. R. It is opened up on the double entry system. The ventilation is produced by a 12 foot electric fan and is found to be only fairly good throughout the mine workings on account of the bad condition of the air courses, but in the judgement of the inspector it would fully comply with the law on date of last visit. Drainage is bad in large sections of this mine, on account of it being next to impossible to keep ditches open by reason of bad roof which keeps continually dropping and filling them. Natural conditions are adverse in this mine for economical mining. The law, was being fully complied with.

With the present equipment and with a full force of men this mine is capable of producing 300 tons per day.

This mine was reported last year as Lynch Mine, No. 94 of the printed report.

LOWELL CHILDS, Supt.

Wm. WAGNER, Mine Foreman.

No. 103. *West Fork Mine, Pittsburg Seam, Drift.*

This mine is located seven and one-fourth miles south of Clarksburg on the W. Va. & Pittsburg Branch of the B. & O. R. R. The mine is opened up on the double entry system and is ventilated at the present time by a furnace. The ventilation is only fairly good throughout the mine and the management is considering an installation of a fan at an early day. Drainage is rather bad in some sections of the mine. Top in mine is very bad but at this time they are keeping head coal in all the working places and timbering is being carefully looked after which is a great improvement over former conditions. The oil used and sold meets with requirements of law. The State Mine Law is being fully complied with with the exception of the second opening which hardly meets the requirements of the law in case they should exceed 20 men on the inside, which as yet they have not done. With a full force of men and with the present equipment this mine is capable of producing 250 tons daily.

This mine was reported last year as West Fork Mine, No. 95 of the printed report.

LOWELL CHILDS, Supt.

JOS. MATHENY, Mine Foreman.

No. 104. *Reynoldsville Mine, Pittsburg Seam, Drift.*

This mine is located 7 miles west of Clarksburg on the Parkersburg Branch of the B. & O. R. R., and is opened up on the double entry system. The ventilation which is produced by a ten foot fan is fairly good throughout the mine. The roof in this mine along haulway is very bad in places, but timbering is being carefully looked after. The drainage is very bad at times especially in rainy seasons, as local conditions prevent good drainage. No gas has ever been found in this mine. The oil in use meets the requirements of the law and on date of last visit the mine met fully the requirements of the State Mine Law. With the present equipment and a full force of men this mine is capable of producing 450 tons daily.

This mine was reported last year as Reynoldsville Mine, No. 96 of the printed report.

J. R. ELSESS, Supt.

BROOKS PATTON, Mine Foreman.

No. 105. *Columbia Mine, Pittsburg Seam, Drift.*

This mine is located three miles east of Clarksburg on the B. & O. R. R. It is opened up on the double entry system. The ventilation which is produced by a 16 foot fan which has been recently installed is good throughout the mine. No gases have ever been found in this mine. The top is fairly good throughout. Timbering is carefully looked after. With the present equipment and with a full force of men this mine is capable of producing 1200 tons daily.

This mine was reported last year as Columbia Mine, No. 97 of the printed report.

J. H. NUZUM AND
A. W. RAPP, Supts.

RALPH BROWN, Mine Foreman.
MIKE ROONEY, Asst. Mine Foreman.

No. 106. *Ocean Mine, Pittsburg Seam, Drift.*

This mine is located three miles east of Clarksburg on the B. & O. R. R., and opened up on the double entry system. The ventilation which is produced by a 15 foot fan has always been found good. Drainage and all other sanitary conditions found good. The top is fairly good throughout the mine. The timbering is carefully looked after. The coal is undercut by compressed air machines of the puncher type and is hauled to the tippie by the head and tail rope system. This mine with a full force of men and the present equipment can produce 1200 tons daily.

This mine was reported last year as Ocean Mine, No. 98 of the printed report.

K. D. BAILEY, Supt.

U. B. BLAKESMITH, Mine Foreman.

No. 107. *Riverdale Mine, Pittsburg Seam., Drift.*

This mine is located 16 miles south of Fairmont on the M. R. Division of the B. & O. R. R., and opened up on the double entry system. The ventilation is produced by a 7 foot Stine fan and is good throughout the workings. No gas has ever been found, the drainage is rather bad in some sections of the mine, but great improvement has been made during the past year. The roof is of a treacherous nature and requires careful timbering, which at this time is being fairly well looked after. The oil sold by the operating company fully meets with the requirements of the law but violation of the law was found on the inside by the workmen mixing the same with kerosene. Their attention was called to this matter and they gave me the assurance that they would immediately stop it. This mine with a full force of men is capable of producing 600 tons per day. Other than above mentioned the Mine Laws are being complied with at this mine.

This mine was reported last year as Riverdale Mine, No. 99 of the printed report.

G. W. FLEMING, Supt.
H. C. ICE, Asst. Supt.

THOMAS HORTON AND
MAURICE BEEDLE, Mine Foremen.

No. 108. *Melrose Mine, Pittsburg Seam, Drift.*

This mine is located 13 miles south of Clarksburg on the M. R. Division of the B. & O. R. R. It has not been in operation during the past year.

G. W. FLEMING, Supt.

No. 109. *Glenn Falls Mine, Pittsburg Seam, Drift.*

This mine is located 5 miles north of Clarksburg on the M. R. Division of the B. & O. R. R. This mine has not been in operation during the last year.

H. H. WATSON, Supt.

No. 110. *Lydia Mine, Pittsburg Seam, Drift.*

This mine is located 8 miles west of Clarksburg on the B. & O. R. R. It has not been in operation during the past year.

J. O. BROOKS, Supt.

PITTSBURG AND FAIRMONT FUEL COMPANY.

No. 111. *Perry Mines Nos. 1 and 2, Pittsburg Seam, Drift.*

These mines are located three miles west of Clarksburg on the W. Va. Short Line Division of the B. & O. R. R. Ventilation is produced by two steam fans and is fairly good throughout. Very great improvements have been made during the past year in these mines, as servicable brattices built of concrete have been constructed, ditches have been dug to improve drainage and other things too tedious to mention to improve conditions of the inside. The coal is being cut by electric chain machines and is hauled to the tippie by electric motors, no gas is found in these mines, the top is fairly good and timber is carefully looked after. The mine law is being complied with. With the present equipment and with a full force of men this mine is capable of producing 1600 tons daily.

These mines were reported last year Perry Nos. 1 and 2 Mines, No. 100 of the printed report.

L. W. SMITH, Supt.

ARTHUR MORGAN, Mine Foreman.

No. 112. *Coaling Station Mine, Pittsburg Seam, Drift.*

This mine is located two miles west of Clarksburg on the W. Va., Short Line Division of the B. & O. R. R., it is opened up on the double entry system. The ventilation which is produced by a 12 foot electric fan was found to be only fairly good, but the management gave me the assurance that a fan of more efficiency would be installed at once. Some gas is found at the advance workings but is being taken care of by means of good servicable brattices. The top in this mine is fairly good throughout, as the head coal is being maintained. Great improvement has been made in this mine during the past year in the way of drainage, ventilation, and all other sanitary conditions and they meet at this time fully with the requirements of the State Mine Laws. With the present mine development and with a full force of men this mine is capable of producing 600 tons daily.

This mine was reported last year as Coaling Station Mine, No. 101 of the printed report.

L. W. SMITH, Supt.

A. L. HORD, Mine Foreman.

No. 113. *Pooz Mine, Pittsburg Seam, Drift.*

This mine is located 12 miles north of Clarksburg on the W. Va. Short Line Division of the B. & O. R. R. It is opened up on the triple entry system and the ventilation which is produced by a 16 foot steam fan has always been found to fully comply with the State Mine Law. The roof in some sections of this mine is very bad, but timbering is being carefully looked after. Some gas is found in the advance workings of this mine, but on dates of visit, the ventilation was sufficient to fully take

care of it. The coal is being undercut by electric chain machines and hauled by horses and mules, to the Junction from thence it is let down the incline with an endless rope with the hand grip system. The mine fully meets the requirements of the State Mine Law. With the present equipment and with a full force of men this mine is capable of producing 1500 tons daily.

This mine was reported last year as Pooz Mine, No. 102 of the printed report.

A. C. ICE, Supt.

N. H. HACKER, Mine Foreman.

No. 114. *Lucas Mine, Pittsburg Seam, Drift.*

This mine is located twelve and one fourth miles south of Clarksburg on the W. Va. Short Line Division of the B. & O. R. R. It is opened up on the triple entry system. Ventilation is produced by a 7 foot electric Stine fan, and has been greatly improved during the past year by the construction of concrete brattice along main haulways. Some gas is being discovered in some sections of this mine but on dates of last visit was being well taken care of by means of ample ventilation. The top in this mine is very bad where the head coal is being removed, but timbering is being carefully looked after. Coal in this mine is undercut by electric chain machines and hauled to the tippie by means of horses and mules. State Mine Law is being observed. With a full force of men and with the present equipment this mine is capable of producing 1000 tons daily.

This mine was reported last year as Lucas Mine, No. 103 of the printed report.

A. C. ICE, Supt.

JOHN WALTERS, Mine Foreman.

FAIRMONT AND BALTIMORE COAL AND COKE COMPANY.

No. 115. *Fairmore Mine, Pittsburg Seam, Drift.*

This mine is located 2 miles west of Clarksburg on the B. & O. R. R. Ventilation is produced by a 12 foot fan and is fairly good throughout the workings. Drainage is very bad in large sections of this mine. There has been considerable work done in the last year in ditching to better this condition. No gas has ever been found in this mine. The top is only fair but timbering is fairly well looked after. Coal is mined by pick. The employes burn the oil sold them by the operating company which by test did not comply with the State Mine Law. The law otherwise is complied with. With the present mine development and equipment and with a full force of men this mine could produce 800 tons daily.

This mine was reported last year as Fairmore Mine, No. 104 of the printed report.

A. L. WHITE, Supt.

T. J. WESTMORELAND, Mine Foreman.

COOK COAL AND COKE COMPANY.

No. 116. *Girard Mine No. 1, Pittsburg Seam, Drift.*

This mine is located 9 miles north of Clarksburg on the M. R. Division of the B. & O. R. R. It is opened up on the double entry system. The ventilation is produced by a 7 foot electric Stine fan, and is only fair

throughout the workings. Head coal is maintained throughout the workings and for this reason the top is fairly good. Timbering is being fairly well looked after. Employes burn the oil sold by the operating company which meets with the requirements. Drainage in some sections of this mine is very bad. With the present mine development and a full force of men this mine in connection with No. 2 Mine at the same place, should produce 1000 tons daily. This mine was reported last year as Girard No. 1 Mine, No. 105 of the printed report.

B. H. MONROE and ISHAM KEITH, Superintendents.

EDWARD WORCESTER, Mine Foreman.

No. 117. No. 2 Opening at Girard Mine No. 1, Pittsburg Seam, Drift.

This mine is located 9 miles north of Clarksburg on the M. R. Division of the B. & O. R. R. It is opened up on the double entry system. Ventilation is produced by a ten foot electric fan and is fairly good throughout. Drainage is only fair. The top is rather good on account of head coal being maintained throughout. It is worked in connection with number one. Coal from this mine is being hauled through a section of number one and dumped over the same tippie. The daily output is reckoned with the Number One Mine. The undercutting is done at both of these mines with Electric Chain Machines and hauled by electric motor to the tippie. This mine was not reported last year.

B. H. MONROE and ISHAM KEITH, Supts.

EDWARD WORCESTER, Mine Foreman.

MEADOW BROOK COAL & COKE COMPANY.

No. 118. Erie Mine, Pittsburg Seam, Drift.

This mine is located 6 miles north of Clarksburg on the W. Va. Short Line Division of the B. & O. R. R. It is opened up on the four entry system. Ventilation which is produced by a 12 foot fan is only fairly good throughout the workings, but in the near future will be much better as many of the entries will be cut to the outside. The coal is being undercut by compressed air puncher machines and is hauled to the junction by mules. From thence it is sent up engine plane by the head rope system. The State Mine Law is being fully complied with. The top is rather good on account of the head coal being maintained. With the present mine development and equipment and with a full force of men this mine is capable of producing 1000 tons daily, as they have recently built a new and up to date tippie which enables them to increase their output.

This mine was reported last year as Erie Mine, No. 106 of the printed report.

L. L. CRAWFORD, Supt.

C. D. M. KRAMER, Mine Foreman.

MADEIRA-HILL-CLARK COAL COMPANY.

No. 119. Waldo Mine, Pittsburg Seam, Drift.

This mine is located 4 miles West of Clarksburg on the B. & O. R. R. It is opened up on the double entry system. The ventilation which is produced by a 15 foot fan has always been found fairly good. The coal is

undercut by compressed air machines of the puncher type and is hauled to the drift mouth by mules. Top is rather good by leaving head coal throughout the working places and timbering being carefully looked after. No gas is found in the mine. The drainage is bad in some sections but they are at this time engaged in ditching which will better conditions. The employes burn oil sold them by the operating company which meets with the requirements of the law. With the present mine equipment and with a full force of men this mine is capable of producing 1000 tons daily.

This mine was reported last year as Waldo mine. No. 107 of the printed report.

H. B. CLARK, Supt.

A. G. COBURN, Mine Foreman.

No. 120. *Goff Mine, Pittsburg Seam, Drift.*

This mine is located $3\frac{3}{4}$ miles west of Clarksburg on the B. & O. R. R. It is a pick operation, opened up on the double entry system. It is ventilated by the fan from number one or Waldo mine and also by a fire basket. The ventilation has always been found sufficient to comply with the law. No gas has ever been found in the mine. The top is good throughout, by reason of the head coal being maintained, and also by careful timbering of the same. State mine law is fully complied with. With the present mine development and a full force of men this mine is capable of producing 500 tons daily.

This mine was reported last year as Goff Mine, No. 108 of the printed report.

H. B. CLARK, Supt.

WILLIAM ASHCRAFT, Mine Foreman.

No. 121. *New Chieftain Mine, Pittsburg Seam, Drift.*

This mine is located 7 miles West of Clarksburg on the B. & O. R. R. It is ventilated by a 12 foot fan and has always been found fairly good throughout the mine. It has not been in operation to any extent during the past year. There being only a few men on the inside. It was necessary to maintain the head coal in order to hold the roof, as the roof is very bad when the overlying strata is exposed. The coal is undercut with electric machines of the chain type. It is hauled by electric motor. The drainage is fairly good throughout. This mine in the future will be connected with the Randolph mine so I am informed by the management, as the conditions are more favorable along haulway on that side. With a full force of men and with the present equipment this mine is capable of producing 400 tons daily. This mine was reported last year as New Chieftain Mine, No. 109 of the printed report.

H. B. CLARK, Supt.

O. J. FOWLER, Mine Foreman.

No. 122. *Randolph Mine, Pittsburg Seam, Drift.*

This mine is located 7 miles West of Clarksburg on the B. & O. R. R. The mine is opened up on the triple entry system. Ventilation is produced by a 15 foot steam fan which is good throughout the workings. The roof in this mine is similar to that of the Chieftain mine but the head coal is more uniformly maintained throughout the workings which makes conditions much better along this line. Some dust was found in this mine

which was necessary to wet. The coal is undercut with Electric Machines of the Chain Cutter type, and is hauled by electric motor to tipples. With a full force of men and with the present equipment this mine is capable of producing 600 tons daily. This mine was reported last year as Randolph mine, No. 110 of the printed report.

H. B. CLARK, Supt.

O. J. FOWLER, Mine Foreman.

COOK & HART COAL COMPANY.

No. 123. *Cook or Cork Mine, Pittsburg Seam, Drift.*

This mine is located $7\frac{1}{2}$ miles south of Clarksburg on the W. Va. Pittsburg division of the B. & O. R. R. This is a pick operation and ventilation is natural, there being several openings to the outside. Ventilation is only fairly good. Drainage is very bad in some sections of the mine. Timbering is carefully looked after. This mine complies with the State Mine Law. With a full force of men and present equipment, this mine is capable of producing 300 tons daily.

Reported last year as Cork Mine, No. 111 of the printed report.

JAS. F. COOK, Supt.

CYRUS MITCHELL and ROBT. WILSON, Mine Foremen.

ROSE-BUD COAL COMPANY.

No. 124. *Rosebud Mine, Pittsburg Vein, Drift.*

This mine is located 15 miles north-west of Clarksburg on the W. Va. Short Line Division of the B. & O. R. R. It is opened up on the double entry system. The ventilation which is produced by a fire basket has always been found ample for the development. No gas has ever been found in the mine. The top is only fairly good. The coal is undercut by Electric Machines of the chain cutter type, and hauled to the outside by horses and lowered down gravity plane to the tipples. This mine does not comply with the law in the following respects: No rules were found posted, no safety lamps, no stretcher or blankets and no blue print has ever been furnished the inspector.

The mine was reported last year as Rosebud mine, No. 112 of the printed report.

SAMUEL CROMER, Supt.

TONY STARR, Mine Foreman.

HUTCHINSON FUEL & SUPPLY COMPANY.

No. 125. *Hutchinson Mine No. 1, Pittsburg Seam, Drift.*

This mine is located $8\frac{1}{2}$ miles South of Clarksburg on the W. Va. & Pittsburg division of the B. & O. R. R. It is opened up on the double entry system. The ventilation which is produced by a 7 foot stine fan has always been found ample to comply with the law, but conditions are very unfavorable in this mine as it is their intention to abandon this mine by connecting it to their No. 2 mine underground. The mine law is being fully complied with at this time. With the present mine development and with a full force of men this mine is capable of producing 400

tons daily. This mine was reported last year as Hutchinson No. 1 Mine, No. 113 of the printed report.

W. G. H. CRAWFORD, Supt.

W. B. MALONE, Mine Foreman.

No. 126. *Huthinson Mine No. 2, Pittsburg Seam, Drift.*

This mine is located $8\frac{1}{2}$ miles south of Clarksburg on the W. Va. & Pittsburg division of the B. & O. R. R. It is ventilated by a 12 foot fan and has always been found fairly good throughout the workings. No gas has ever been found in the mine. The coal is undercut by both types of machines, electric chain and compressed air punchers, and hauled to the tippie by means of an electric motor, which has been installed during the past year. They have greatly improved this plant since my last report. With the present mine development and a full force of men this mine is capable of producing 1000 tons daily.

This mine was reported last year as Hutchinson No. 2 Mine, No. 114 of the printed report.

W. G. H. CRAWFORD, Supt.

W. B. MALONE, Mine Foreman.

SUMMIT COAL & COKE COMPANY.

No. 127. *Phoenix Mine, Pittsburg Seam, Slope.*

This mine is located 7 miles west of Clarksburg on the B. & O. R. R.

The ventilation which is produced by a 12 foot fan is only fairly good throughout the workings. The top is of a very soft nature requiring very careful timbering. The mine is kept clear of water by means of compressed air pumps. The timbering is carefully looked after. The mine at this time is connected under ground with the O'Gara Mine, so as to comply with the law in regard to second opening. Some gas is found in advance workings, but is being fairly well taken care of, but the inspector found it necessary to recommend that the fan be run continually and that a fire boss be employed, also some dust was found in this mine which the inspector considered in dangerous quantities and recommended that it be kept thoroughly wet at all times. This mine with present equipment and full force of men is capable of producing 700 tons daily.

This mine was reported last year as Phoenix Mine, No. 115 of the printed report, and was formerly operated by the Douglas-Rauch C. & C. Co.

FRANK D. ALLEN, Supt.

WILLIAM GANTZ AND

JAMES HAUGHNEY, Mine Foremen.

O'GARA COAL MINING COMPANY.

No. 128. *O'Gara Mine, Pittsburg Seam, Slope.*

This mine is located 7 miles west of Clarksburg on the B. & O. R. R. The ventilation is produced by a 12 foot fan and is only fairly good. The mine generates small quantities of marsh gas it is being fairly well taken care of, but it was recommended by the inspector that a competent man be put on to examine the mine thoroughly before the men were permitted to enter therein and that the fan be kept continually in motion. The top is only fairly good as in many cases the head coal has been removed

exposing the over-lying strata which disintegrates very badly. The timbering is fairly well looked after. The air courses are in very bad condition on account of the falls of slate which is recommended to be removed or that additional air courses be cut paralleling same. The water is being handled by pumps. Drainage is good in nearly all the working places. State Mine Law is being observed. This mine with the present mine development and with a full force of men is capable of producing 800 tons daily.

This mine was reported last year as Wolf Summitt Mine, No. 116 of the printed report.

M. MANNIX, Supt.

Wm. F. WHITE, Mine Foreman.

MARSHALL COAL COMPANY.

No. 129. *Marshall Mine, Pittsburg Seam, Drift.*

This mine is located 7 miles south of Clarksburg on the W. Va. & Pittsburg Division of the B. & O. R. R. The ventilation which is produced by a 12 foot fan is only fairly good throughout the workings. No gas has ever been made. Drainage and other sanitary conditions are fairly good throughout the mine. The roof is fairly good. Timbering is being carefully looked after. Coal is undercut by machines of the puncher type. The coal is hauled by mules and horses. The mine laws are being fully complied with. With a full force of men and with the present equipment this mine is capable of producing 1000 tons per day.

This mine was reported last year as Marshall Mine, No. 117 of the printed report.

JOHN W. FAHEY, Supt.

GEO. ADAMS, Mine Foreman.

PITCAIRN COAL COMPANY.

No. 130. *Pitcairn Mine, Pittsburg Seam, Drift.*

This mine is located 1 mile south of Clarksburg on the W. Va. & Pittsburg Division of the B. & O. R. R. It is opened up on the double entry system. The ventilation which is produced by a 15 foot fan has always been found to comply with the State Mine Law. The top is fairly good throughout by reason of the head coal being maintained throughout the workings and timbering being carefully looked after. It has had some difficulty during the last year on account of a creep on their first right heading which cut off their second opening but this was remedied by a door being placed in fan house so as to permit men to travel the return air way until section of this mine could be cleaned up, and timbered and be put in normal condition. Coal is undercut and hauled by electricity. With a full force of men and with the present equipment this mine is capable of producing 1200 tons daily.

This mine was reported last year as Pitcairn Mine, No. 118 of the printed report.

J. A. JENKINS, Supt.

Wm. J. KEEFE, Mine Foreman.

CORONA COAL AND COKE COMPANY.

No. 131. *Harold Mine, Pittsburg Seam, Drift.*

This mine is located 2 miles north of Clarksburg on the M. R. Division of the B. & O. R. R. It is opened up on the double entry system. No gas has ever been found. Top is fairly good. It is ventilated by a furnace which fairly well ventilates the mine throughout, but the management is considering the installation of a fan at this time. The coal is mined and hauled by electricity. State Mine Law is being complied with. With the present mine equipment and with a full force of men this mine is capable of producing 600 tons daily.

This mine was reported last year as Harold Mine, No. 119 of the printed report.

ED. CLINGAN, Supt., and Mine Foreman.

WASHINGTON FUEL COMPANY.

No. 132. *Nos. 1 and 2 Mines, Pittsburg Seam, Drift.*

These mines are located 6 miles west of Clarksburg on the B. & O. R. R. They are pick operations and at this time are just engaged in driving headings and as yet have not reached that state of development that would class them as commercial mines.

These mines were not reported last year.

W. F. HARVEY, Supt., and Mine Foreman.

SHORT LINE COAL COMPANY.

No. 133. *Girard No. 2 Mine, Pittsburg Seam, Drift.*

This mine is located 19 miles north-west of Clarksburg on the Short Line Division of the B. & O. R. R. It is opened up on the double entry system and ventilated by a ten foot fan, with only fair results throughout by the reason of the illogical construction of the fan house and for other reasons named to the company in my certificate. The top is good throughout by reason of the maintenance of head coal and of the careful manner in which the timbering is done. The State Mine Law is not being complied with in the following particulars:—Cross cuts are being cut very irregularly and exceeded the distances prescribed by law and in many other instances which you will notice by reference to my last report. With the present equipment and with a full force of men this mine is capable of producing 600 tons daily.

Marsh gas in small quantities was found in this mine, but is being fairly well taken care of only.

This mine was reported last year as Girard No. 2 Mine, No. 120 of the printed report.

ISHAM KEITH, Supt.

B. H. STIRES, Mine Foreman.

NATIONAL COAL COMPANY.

No. 134. *National or Overholt Mine, Pittsburg Seam, Drift.*

This mine is located 6 miles north-west of Clarksburg on Short Line

Division of the B. & O. R. R. The ventilation is produced by a furnace and is fairly good throughout the mine. Top is fairly good by reason of the head coal being maintained, and timbering being carefully looked after. The drainage is fair. It was necessary for the inspector to have a second opening made to have the mine fully comply with the law. With the present mine development and equipment and with a full force of men this mine is capable of producing 600 tons daily. It is a pick operation and the coal is hauled by mules.

This mine was reported last year as Overholt Mine, No. 121 of the printed report.

ELI MORRIS, Supt.

ELI MORRIS, Mine Foreman.

FAYETTE COAL COMPANY.

No. 135. *Dola Mine, Pittsburg Seam, Drift.*

This company is engaged in opening this mine on the double entry system at Dola on the Short Line R. R. They are engaged in driving their entries constructing their tippie and building their side tracks. Plans have been examined by the inspector and approved by him.

BENJ. GREAVES, Supt.

CENTRAL FAIRMONT COAL COMPANY.

No. 136. *Moore Mine, Pittsburg Seam, Drift.*

This mine is located one and one fourth miles east of Clarksburg on the Industrial Branch of the B. & O. R. R. It is opened up on the double entry system and the ventilation which is natural is only fair. And it was recommended by the inspector on date of last visit that a ventilator be installed of some kind in order to properly ventilate the mine. Drainage is bad. Top only fair, timbering fairly well looked after. Coal is undercut with picks and hauled to the tippie by mules. With the present mine development and with a full force of men this mine is capable of producing 200 tons daily.

This mine complies with the State Mine Law.

This mine was not reported last year.

Wm. MOORE, Supt.

A. G. HILBURT, Mine Foreman.

JANE LEW COAL COMPANY.

No. 137. *Naomi Mine, Redstone Seam, Drift.*

This mine is located 14 miles south of Clarksburg on the W. Va., & Pittsburg Division of the B. & O. R. R. It is opened up on the double entry system and the ventilation which is produced by a furnace was found on date of visit to be fairly good. The top is good. Timbering is being fairly well looked after. Drainage is fair. Coal is being undercut with picks and hauled to the drift mouth with mules where it is lowered to the tippie by traction plane. This is a coke plant exclusively as no coal is being shipped from it. The coal is being manufactured into coke in ovens of the Bee Hive type. And the management informed me that they had no trouble whatever in disposing of their

product. With the present development and with a full force of men this mine is capable of producing 150 tons daily.

This mine was not reported last year.

JOHN HARLEY, Supt., and Mine Foreman.

N. B. There are 20 coke ovens here, and during June, 1907, there were shipped 200 tons of coke from the same, but this information was received too late for classification.—J. W. P.

VINCENT COAL AND COKE COMPANY.

No. 138. *Vincent Mine, Pittsburg Seam, Drift.*

This Company is engaged in opening this mine one and three-fourth miles south-east of Clarksburg on the Industrial Branch of the B. & O. R. R. It is opening up on the double entry system. They are at this time engaged in driving their entries, constructing their side tracks, etc., but have not reached that stage of development that would classify them as a commercial mine. Plans have been examined on the ground by the inspector.

VINCENT E. GOECKE, Supt.

HERO COAL COMPANY.

No. 139. *Hero Mine, Pittsburg Seam, Drift.*

This mine is located one half mile south of Lumberport on the Short Line Division of the B. & O. R. R. It is being opened up on the double entry system and has not yet reached that stage of development to be classed as a commercial mine. The plans however, have been looked over by the inspector on the ground.
Officials not known.

MONROE COLLIERY COMPANY.

No. 140. *Monroe Mine, Pittsburg Seam, Drift.*

This company is opening at Rosebud on the Short Line R. R. They are opening up on the double entry system and are at this time engaged on their constructional work. The plans have been looked over by the inspector and approved by him. They have not yet reached that stage of development that would classify them as a commercial mine.

B. H. MONROE, General Manager.

BLUE RIDGE COAL COMPANY.

No. 141. *Blue Ridge Mine, Pittsburg Seam, Drift.*

This company is opening a mine at Lumberport on the Short Line Division of the B. & O. R. R. They are engaged in the constructional work and have not yet reached that stage of development to classify them as a commercial mine.

The plans however have been looked over by the inspector in company with the officials on the ground.

ISHAM KEITH, Supt.

B. H. STIRES, Mine Foreman.

VIRGINIA-MARYLAND COAL CORPORATION.

No. 142. *Williard Nos. 1, 2 and 3 Mines.*

These are new operations being opened up on Mud Lick Run two and one fourth miles north-east of Shinnston. They have not yet reached that stage of development that would classify them as commercial mines as they are just engaged in structural work. The working plans have been looked over by the inspector and approved by him.

A. L. WHITE, Supt.

LEWIS COUNTY.

JACKSONVILLE COAL AND COKE COMPANY.

Nos. 143 and 144. *Sara B. Nos. 1, 2 and 3 Mines, Pittsburg Seam, Drift.*

These mines are located 1 mile east of Jacksonville on the Coal and Coke R. R. No. 1 mine being the only one which has been successfully operated. It is opened up on the double entry system. The ventilation is produced by a furnace and has always been found to fully comply with the State Mine Law. Drainage is bad in some sections of this mine. The top is also bad but timbering is carefully looked after. This mine would not comply with the State Mine Law in regard to second opening should they exceed twenty men on the inside. Their attention was called to this matter by certificate which was posted at the mine which recommended that second opening be made. The coal at this time is being undercut by compressed air machines of the puncher type, is hauled to the drift mouth by mules from thence by locomotive to the tippie where it is dumped into the cars. Nos. 2 and 3 openings are driven single entry, but two men being employed in each of them. They are encountering a bad fault with very poor prospects of getting through. The management was considering the abandonment of these openings on date of last visit. These mines were not complying with the State Mine Law in some particular which you will notice by reference to my monthly report, but when their attention was called to the matter they immediately took steps to fully comply with the law.

With the present development and with a full force of men this mine is capable of producing 200 tons daily.

These mines were not reported last year.

Wm. ATKIN, Supt.

ROBERT NELSON, Mine Foreman.

TAYLOR COUNTY.

GRAFTON COAL AND COKE COMPANY.

No. 145. *Sand Lick Mine, Pittsburg Seam, Drift.*

This mine is located thirteen and one half miles east of Clarksburg on the B. & O. R. R. This mine is opened up on the double entry system. Ventilation is natural, and very sluggish throughout the mine. No explosive gas has ever been discovered in the mine. The top is fairly good

throughout the mine and timbering is well looked after. This is a pick mine and the coal is hauled by mules and lowered by gravity plane to the tippie. There are several outlets and inlets to this mine which makes things very favorable for natural ventilation, but I have insisted that a furnace be constructed, there being no power, no other system of ventilation could be considered. The oil used by the miners meets with the requirements of the law, but on occasion of my last visit found that the rules were not posted as per requirements, and several other minor violations of the law, which you will notice by referring to my monthly report. With a full force of men, and with the present equipment this mine is capable of producing 500 tons daily.

This mine was reported last year as Sand Lick Mine, No. 122 of the printed report.

J. W. FAHEY, Supt.

JOHN MCGRAW, Mine Foreman.

PITTSVEIN COAL COMPANY.

No. 146. *Flemington and Flemington No. 4, Pittsburg Seam, Drift.*

These mines are located twelve and one half miles east of Clarksburg on the B. & O. R. R. They are opened up on the double entry system. The ventilation is produced by a 7 foot Stine fan and has always been found good throughout the mine workings. Top is fairly good and timbering is being well looked after. This mine is equipped with the latest electrical equipment, the coal being cut and hauled with electricity. The oil in use meets with the requirements of the law and all other State Mine Laws were being well observed on date of my visit. No. 4 Mine however has not been in operation during the past year but the management was considering a very early resumption of operation in that section of the mine on date of my last visit.

These mines were reported last year as Flemington Mine, No. 123 of the printed report, and Flemington No. 4, as No. 124 of the printed report.

J. W. DAVIDSON, Supt.

G. R. W. JOHNSON, Mine Foreman.

L. B. BRYDON.

No. 147. *Brydon or Foster Mine, Pittsburg Seam, Drift.*

This mine is located 6 miles West of Grafton on the B. & O. R. R. The ventilation is natural and very sluggish. The drainage along haulways is very bad. The timbering was also bad along haulways. This mine is nearly worked out very few men were found on the inside. This is a pick operation. This coal is hauled to the pit mouth by horses and lowered to the tippie by incline plane. Oil in use meets with the requirements of the State Mine Law, and the law is being fully complied with at this mine at this time. With a full force of men and with the present equipment this mine is capable of producing 50 tons daily.

This mine was reported last year as Brydon Mine, No. 125 of the printed report.

W. S. BRYDON, Supt.

GUY LAKE, Mine Foreman.

*DAVIS COAL MINING COMPANY.**No. 148. T. B. Davis Mine, Pittsburg Seam, Drift.*

This mine is located 10 miles west of Grafton on the B. & O. R. R. It is opened up on the double entry system. The ventilation which is natural was fairly good on date of last visit, on account of natural conditions being good for natural ventilation, but the company was considering the early installation of a fan, of the efficiency to probably ventilate the mine under any conditions which might arise. They had almost completed an up to date Rope Haulage system which they were installing. Several of the entries of this mine are encountering several bad faults or misplacements but on date of last visit the management was very much encouraged and thought that they would soon be out of these abnormal conditions into good coal. The top is fairly good throughout this mine. Timber was rather in a bad condition. The attention of the management was called to this fact by my certificate. The oil in use did not meet the requirements of the State Mine Law, in all other particulars the mine fully met the requirements of the State Mine Law. With a full force of men and with the present equipment this mine in case they should get into good coal is capable of producing 600 tons daily.

This mine was reported last year as T. B. Davis Mine, No. 126 of the printed report.

W. R. DAVIS, Supt.

Wm. DRAINER, Mine Foreman.

*DAVIS COAL & COKE COMPANY.**No. 149. New York or No. 41 Mine, Pittsburg Seam, Drift.*

This mine is located 9 miles west of Grafton on the B. & O. R. R. The ventilation which is natural in some sections of the mine and in other sections is produced by furnace is only fairly good. The drainage is bad in large sections of the mine but has been improved in the last year by ditching by considerable expense. The roof is only fair and on date of last visit timbering needed attention throughout the working places. Marsh gas has been discovered in small quantities in the advance workings of this mine but on date of visit it was not discernable by means of the ordinary safety lamp, it was being fairly well taken care of by wooden brattices. The management anticipates the installation of a complete electrical equipment at this mine and have already, so I am informed by them placed their order for this equipment including an electric fan.

With a full force of men this mine is capable of producing 800 tons daily.

This mine was reported last year as New York No. 41 Mine, No. 127 of the printed report.

D. R. PHILLIPS AND

OLIVER JENKINS, Mine Foreman.

H. H. HARRISON, Supts.

*ROSEMONT COAL COMPANY.**No. 150. Rosemont Mine, Pittsburg Seam, Drift.*

This mine is located 11 miles east of Clarksburg on the B. & O. R. R. It is opened up on the double entry system. The ventilation which is natural is very sluggish. Drainage is only fair throughout the mine. The top is good and timbering is being promptly looked after. This mine did not meet with the requirements of the State Mine Law as the cross cuts were being driven very irregularly and in many instances exceeding the distance prescribed by law. The inspector with much insistence on his part finally succeeded in getting an up to date furnace in which I understand through employes of the company is giving exceedingly good satisfaction. This is a pick mine. Coal is hauled to the drift mouth by mules and lowered to the tippie by gravity plane. With a full force of men and present equipment this mine is capable of producing 600 tons daily. The mine also did not meet with the requirements of the law as to the posting of rules and other things which you will notice by reference to my monthly reports.

This was reported last year as Rosemont Mine, No. 128 of the printed report.

J. W. FAHEY, Supt.

JOHN P. MCGRAW, Mine Foreman

*MARYLAND COAL COMPANY.**No. 151. Wendel Mine, Pittsburg Seam, Drift.*

This mine is located 13 miles west of Grafton on the branch of the B. & O. R. R., running to their mine which is located at the head of Sand Lick Run. This mine is opened up on the double entry system. There being eight natural and distinct openings from the outside. The ventilation being produced by an eight foot fan. On date of last visit ventilation was fairly good throughout the mine workings. The drainage are fairly good, some water being handled by pumps for reason of the butt entries dipping some, but all room work was dry and also all the face entries were dry. This mine is equipped with all of the latest electrical devices and is one of, if not the model mine of this region. The coal was being undercut on date of visit with picks as the electric machines were not yet installed, but when completed the coal will be undercut and hauled by electricity. With the present mine development and with a full force of men this mine is capable of producing 500 tons daily.

This mine was reported last year as Wendel Mine, No. 129 of the printed report.

GEO. S. BRACKET, Supt.

AUGUST RICKER, Mine Foreman.

*THE CECIL COAL AND COKE COMPANY.**No. 152. Cecil Mine, Upper Freeport Seam, Drift.*

This mine is located seven and one half miles south of Grafton on the G. & B. Division of the B. & O. R. R. They have not yet reached that stage of development that would classify them as a commercial mine.

but they are engaged in constructional work and opening up their mine. They are opening up on the double entry system and are going to operate the upper Freeport seam. They are building a number of mine houses, and my information is that they will put in an up to date plant, and construct coke ovens for the purpose of manufacturing their coke.

This mine was not reported last year.

H. A. LANE, Supt., of Construction.

WINONA COAL AND COKE COMPANY.

Nos. 153 and 154. *Winona Mines Nos. 1 and 2, No. 1 Upper Freeport. Drift, No. 2 Mahoning. Drift.*

These mines are located one half mile north-west of Coffman on the B. & O. R. R. They have been opened up in the past year and as yet have shipped no coal but have leased the ovens belonging to the Bessemer people adjoining their property and have been manufacturing coke since January 1907. No. 1 Mine being in the upper Freeport is from 4½ to 5 feet in thickness and as the coal has considerable impurities in it it has to be cleaned before it will make salable coke. This is done on the inside by the miner. No. 2 mine is operating in the Mahoning seam which is almost absolutely clean. The management informed me that they were making a very good grade of coke and having no trouble whatever in disposing of their product. They are at this time engaged in building an up to date tippie for the purpose of shipping coal and will in a very short time construct a number of coke ovens on their own property. The mine on date of visit complied with the State Mine Law.

These mines were not reported last year.

F. T. ROWLAND, Supt.

G. B. MILLER AND

Wm. GANTZ, Mine Foreman.

OVERHOLT COAL AND COKE COMPANY.

No. 155. *Overholt Mine, Upper Freeport, Drift.*

This mine is located seven and one half miles south of Grafton on the west side of the river. It is opened up on the triple entry system and is not being developed at this time on account of having no railroad connections. This company, however, owns a large acreage of coal and will immediately on the completion of the construction of the B. & N. R. R., begin operation on a large scale as they have expended considerable money at this place and only await the construction of the railroad.

This mine was reported last year as Overholt Mine, No. 74 of the printed report.

C. E. CONAWAY, General Manager.

MOHAWK SMOKELESS COAL COMPANY.

No. 156. *Stone House Shaft, Upper Freeport Seam, Shaft.*

This mine is located 6 miles south of Grafton on the G. & B. Branch of the B. & O. R. R. This mine has not been in operation during the past

year and has not reached that state of development which would classify it as a commercial mine.

This mine was reported last year as Stone House Shaft Mine, No. 130 of the printed report.

GEO. S. BECKWITH, General Manager.

BESSEMER COAL AND COKE COMPANY.

Nos. 157 and 158. *Bush Nos. 1 and 2 Mines, No. 1 Upper Freeport and No. 2 Mahoning, Drifts.*

These mines are located at Coffman 4 miles north of Grafton on the B. & O. R. R. There are 20 coke ovens of the Bee Hive Type. They have not been in operation during the past year and no examinations have been made of the mines.

Officials not known. G. W. Miller, Custodian on the ground.

CLARKSBURG FUEL COMPANY.

No. 159. *Tyrconnell Mine, Pittsburg Seam, Drift.*

This mine is located 11 miles east of Clarksburg on the B. & O. R. R. This mine has not been in operation during the past year.

ROBERT LOVE, SR., Supt.

UPSHUR COUNTY.

PENNSYLVANIA CONSOLIDATED COAL COMPANY.

No. 160. *Penco Mine, Redstone Seam, Shallow Slope.*

This mine is located 4 miles north-west of Buckhannon on the Western and Pickens branch of the B. & O. R. R. The ventilation is produced by a 12 foot fan and has always been sufficient to fully comply with the State Mine Law. This mine liberates small quantities of marsh gas in the advance workings, but on dates of visits, was being taken care of by means of ample ventilation and wooden brattices. The mine is also very dry and dusty in the winter season and my certificates recommend that the mine be kept thoroughly wet so as to prevent the dangerous accumulation of dust. This mine has not been in operation since January, for some unknown reason. This is the mine in which 12 men lost their lives by the explosion of a 25 pound keg of powder on main heading. The top throughout the mine is good. Timbering is being carefully looked after. It is a pick operation but from evidence was found on examination the inspector is lead to believe that most of the coal is shot from the solid. On the date of last visit the mine was found to comply with the State Mine Law. With a full force of men and with the present mine development this mine is capable of producing 200 tons daily.

This mine was reported last year as Penco Mine, No. 131 of the printed report.

W. D. McCAUSLAND, Genl. Supt.

FLOYD GANDY, Mine Foreman.

RED ROCK FUEL COMPANY.

No. 161. *Red Rock Mines Nos. 1 and 2, Red Stone Seam, Drifts.*

These mines are located three and one half miles north west of Buckhannon on the Weston and Pickens branch of the B. & O. R. R. They are opened up on the double entry system and each of them being ventilated by a 7 foot electric Stine fan, and on date of visits the mines were found well ventilated throughout. The drainage was fairly good throughout. The top is good and timbering is being carefully looked after. The coal is undercut by electric chain machines and is hauled to the tipple by electric motors. These mines on dates of visits were complying with the State Mine Law. With a full force of men and with the present development these mines are capable of producing 400 tons daily.

These mines were reported last year as Red Rock Mine, No. 132 of the printed report.

ROBT. LANG, JR., Supt.

THOS. HARRIS AND

FLOYD GANDY, Mine Foremen.

BUCKHANNON RIVER COAL COMPANY.

No. 162. *Florence or Adrian Mine, Mahoning Seam, Drift.*

This mine is located 3 miles west of Sago on the Coal and Coke R. R. This mine is opened up on the triple entry system. Ventilation which is produced by a furnace was found fairly good on date of last visit. The top is exceedingly good. Timbering is good. Sanitary conditions of all kinds are to be considered good in this mine. This mine has 20 coke ovens of the Bee Hive type and they are engaged in the manufacture of coke which they claim is giving very good satisfaction in the market. They also have temporary tipple built and are shipping coal. The coal is undercut by picks, hauled to the drift mouth by mules. This mine was not reported last year. With the present mine development and with a full force of men this mine is capable of producing 200 tons daily.

I. W. RECKARD, Supt.

G. W. SWIFT, Mine and Coke Foreman.

NEWCOMER COAL COMPANY.

No. 163. *Newcomer Mine, Pittsburg Seam, Drift.*

This mine is located seven and one half miles north of Buckhannon on the Buckhannon and Belington Branch of the B. & O. R. R. They are engaged at this time with their structural work of building tipple, driving entries, building houses, &c., but they have not yet reached that stage of development that would classify them as a commercial mine. Plans have been examined and approved by the inspector.

W. P. HURST, Prest

G. L. CAMPBELL, Supt.

THIRD DISTRICT.

GENERAL SUMMARY OF THE THIRD DISTRICT FOR THE YEAR
ENDING JUNE 30, 1907.

COUNTY.	No. of Openings	No. Persons Killed	EMPLOYES.								Production of		
			Inside.					Outside.			Coal (tons of 2,240 lbs)	Coke (tons of 2,000 lbs)	
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Total.	Laborers.	Coke Workers.	Total			Sum Total.
Grant.....	3	85	80	28	51	244	41	....	41	285	271,542	.....
Mineral.....	19	1	535	25	4	94	658	95	....	95	753	607,172	.....
Preston.....	24	4	551	354	82	309	1,296	169	216	385	1,681	1,079,692	222,846
Randolph....	7	2	317	5	2	95	419	70	127	197	616	609,380	244,054
Tucker.....	12	26	593	115	24	262	994	122	193	315	1,309	1,005,219	262,951
Totals.....	65	33	2,081	579	140	811	3,611	497	536	1,033	4,644	3,573,005	729,85

OFFICE OF THE THIRD DISTRICT MINE INSPECTOR.

Independence, W. Va., August 26, 1907.

HON. J. W. PAUL,

Chief of Department of Mines,

Charleston, W. Va.

Dear Sir:—I herewith respectfully submit to you my annual report as Inspector of Mines of the Third District of West Virginia for the year ending June 30, 1907.

There are 65 mines in this district and I am glad to say there is considerable improvement in the ventilation and drainage in the majority of these mines, while in others there is little or no improvement, the companies and mine officials not seeming to realize the importance of keeping their mines in first class condition.

With few exceptions the mining laws have been complied with. In some of the mines I have found full kegs of powder taken into the mine, and where the coal is not mined by machines, shooting on the solid is practiced almost exclusively, from the fact that the big majority of the men working in the mines are foreigners and have little knowledge of coal mining; and it is by this class of men the law in regard to taking powder into the mines is violated. It is almost impossible to make them realize the danger, or to make them understand they must comply with the law.

The oil used in the mines in this District, with a few exceptions, I think is of very fair quality. On several occasions in making inspections of oil I have found motor men and drivers using a mixture of kerosene and machine oil. They always pleaded ignorance of the law.

The majority of the mines have been running full time in the last year.

There have been three new openings made in this District during the last year. One in Mineral County, the New Creek Mine, operated by the Masteller Coal Company; and two in Preston County, the Kingwood Mine of the Elkins Coal and Coke Company, and the No. 1 Mine of the Preston County Coke Company. The last named expects to put in an up to date coke plant and convert the entire output of their mine into coke. They have 100 ovens now in course of construction.

There has been one serious disaster, in this District in the last year in which twenty-five men in all lost their lives, caused by a gas explosion in No. 25 Mine of the Davis Coal & Coke Company at Thomas, W. Va. There were twenty-four killed by the explosion and the Superintendent, D. R. Jones, lost his life after the explosion, being overcome by the after-damp.

There have been some other fatal and non-fatal accidents during the year, occurring from various causes incident to coal mines, reports of all which have been forwarded you.

I have no injunctions or fines to report at this time.

In conclusion I want to thank you cordially for your able counsel and kind courtesy, as well as the employers and employes in this District for the consideration and treatment I received.

I am, very respectfully your,

JOHN F. BRATT,

Mine Inspector Third District.

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CONDITION OF THE MINES IN THE THIRD DISTRICT.

GRANT COUNTY.

DAVIS COAL & COKE COMPANY.

No. 164. *Henry Shaft Mine No. 22.*—This mine is located at Henry on the W. M. R. R. and on the Potomac River. This is a shaft 198 feet deep, to the coal, operating the Upper Freeport coal on the double entry system. The ventilation, produced by a 16 ft. fan, is fairly good. The drainage is fairly good. The roof in this mine is a hard slate and is well timbered and looked after. Shooting on the solid is not practiced, the coal is all undercut with electric machines. The powder, so far as I could see, was carried in the mine in cans of 5 pounds capacity. This mine of late liberates small quantities of explosive gas in some portions of it. The oil used for illuminating purposes is a very fair quality. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand, and rules posted. With the present mine development and equipment, this mine is capable of producing 900 tons of coal per day. This mine was reported last year as Henry Shaft No. 22, No. 133 of the printed report.

JAMES G. BOYD, Supt.

H. G. SMITH and ALBERT SAWERS, Mine Bosses.
THOMAS WELCH, Fire Boss.

No. 165. *Henry Shaft No. 33.* This mine is located at Henry on the W. M. R. R. and is a shaft 419 feet deep, to the coal, operating the Lower Kittanning coal on the double entry system. This mine has not been in operation in the last year. On my last visit in March, 1907, the Superintendent informed me that he was preparing to resume operations at once. This mine was reported last year as Henry Shaft No. 33, No. 134 of the printed report.

JAMES G. BOYD, Supt.

BUFFALO CREEK CUMBERLAND COAL COMPANY.

No. 166. *Buffalo Creek Mine.*—This mine is located one mile south of Bayard on the W. M. R. R., and on Buffalo Creek. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation, produced by a 12 foot fan, is fairly good, except in some portions of the mine where the break-throughs and brattices have been neglected. On my last visit to this mine I found it necessary to order several of the miners to stop working their places until the break-throughs were driven and their places properly ventilated. The drainage is fair. The roof is fairly good and is fairly timbered. Shooting on the solid is still practiced to some extent. The powder is carried into the mine in cans of 5 pounds capacity. The oil used for illuminating purposes is of a fair quality. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand and rules are posted. With the present mine development and equipment this mine is capable of producing 500 tons of coal daily.

This mine was reported last year as Buffalo Creek Mine, No. 135 of the printed report.

RICHARD D. WADDEL, Supt., and Mine Boss.

MINERAL COUNTY.

DAVIS COAL AND COKE COMPANY.

No. 167. *No. 14 Mine.*—This mine is located on the Elk Garden Branch of the W. M. R. R., and is a drift opening operating the Upper Freeport coal on the double entry system. This mine shipped its first coal in July 1906. The mine and tippie are connected by an incline plane of about 400 feet. The ventilation is produced by a furnace and is fair. The drainage and general safety are fairly good. The roof in this mine is good. Timbering good. The oil used for illuminating purposes is of a fair quality. Shooting on the solid is practiced somewhat in this mine. The powder is carried into the mine in cans of 5 pounds capacity. Rules are posted. With present mine development and equipment this mine is capable of producing 150 tons per day.

This mine was reported last year as No. 14 Mine, No. 136 of the printed report.

LEE OTT AND H. H. HARRISON, Supts.

F. C. PATTON, Mine Boss.

No. 168. *No. 20 Mine.*—This mine is located near Blaine on the W. M. R. R., and is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation, produced by a furnace, is fair. On my last visit I was informed by the mine boss that the company proposes installing a fan in the very near future. The roof is very hard slate and is very well timbered. The drainage is good. Shooting on the solid is practiced almost exclusively in this mine. The oil used for illuminating purposes is of a fair quality. So far as I could see the powder was carried into the mine in cans of 5 pounds capacity. With the present development and equipment this mine is capable of producing 250 tons per day. Blankets and stretchers kept on hand. Rules posted.

This mine was reported last year as No. 20 Mine, No. 137 of the printed report.

LEE OTT AND

H. H. HARRISON, Supts.

B. S. COLEMAN AND

L. D. VAUGHN, Mine Bosses.

No. 169. *No. 9 Mine.* This mine is located on the Elk Garden Branch of the W. M. R. R., and on Abrams Creek. It is a drift opening operating the Pittsburg coal. The ventilation is natural and very good. The rooms and entries have not any great distance to go until they reach the crop which makes the ventilation very good. There is no powder used in mining the coal. The drainage is fair. The roof in this mine is treacherous but is well looked after and well timbered. The general safety is fairly good. The oil for illuminating purposes is of a fair quality. The second opening meets all the requirements of the law. With present mine development and equipment this mine is capable of producing 1000 tons per day. Blankets and stretchers kept on hand.

This mine was reported last year as No. 9 Mine, No. 138 of the printed report.

LEE OTT AND H. H. HARRISON, Supts.

JACOB OTT, Mine Boss.

No. 170. *No. 6 Elk Garden Mine.* This mine is located at Elk Garden on the Elk Garden Branch of the W. M. R. R. It is a drift opening operating the Pittsburg coal. The work in this mine consists of robbing the pillars preparatory to abandonment. The ventilation is produced by a 15 foot fan and has always been found ample. The drainage is fairly good. The oil is of a fair quality. Blankets and stretcher kept on hand. Rules are posted. This mine is capable of producing 300 tons per day.

This mine was reported last year as No. 6 Elk Garden Mine, No. 139 of the printed report.

LEE OTT AND H. H. HARRISON, Supts. FOSTER WILSON, Mine Boss.

No. 171. *No. 19 Mine.* This mine is located near the West Virginia Junction on the W. M. R. R., and on Montgomery Run. It is a drift opening operating the Lower Kittanning on the double entry system. The ventilation, produced by a 10 foot fan, has always been found good and well distributed throughout the mine. The drainage is good. General safety is good. The roof is fairly good and well timbered. The powder is carried into the mine in cans of 5 pounds capacity. Shooting

on the solid is not much practiced. The second opening meets the requirements of the law. Blankets and stretcher kept on hand. Rules posted. With the present mine development and equipment this mine is capable of producing 200 tons per day.

This mine was reported last year as No. 19 Mine, No. 140 of the printed report.

O. TIBBETS, Supt.

JOSEPH A. TIBBETS, Mine Boss.

No. 172. *No. 50 Mine.* This mine is located on Montgomery Run near the West Virginia Junction of the W. M. R. R. It is a drift opening operating the 4-foot seam of coal. This mine has not been in operation much in the last year. The ventilation is not good and the management closed it down until such time as they could install a fan and put it in a satisfactory condition. It is an old mine and was abandoned. The present company reopened it some two years ago and have spent considerable money building an incline plane and other improvements.

This mine was reported last year as No. 50 Mine, No. 141 of the printed report.

O. TIBBETS, Supt.

JOSEPH TIBBETS, Mine Boss.

No. 173. *No. 51 Mine.*—This mine is located on Montgomery Run near the West Virginia Junction of the W. M. R. R. It is a drift opening operating the 4-foot seam of coal on the double entry system. There was a furnace installed in this mine but it gave poor results and the company intended installing a fan, but at the time I visited this mine last it was not in operation. The very heavy rainfall caused the hillside to slip and closed the mouth of the drift and the second opening, and the company had not reopened it at that time. This mine was reported last year as No. 51 Mine, No. 142 of the printed report.

O. TIBBETS, Supt.

JOSEPH TIBBETS, Mine Boss.

SMITH COAL COMPANY

No. 174. *Smith Mine.*—This mine is located at Blaine on the W. M. R. R. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation, produced by a 10 foot fan, has always been found good and well distributed throughout the mine. The drainage and general safety are good. The roof is a hard slate and very good. Shooting on the solid is practiced to some extent. The powder is carried into the mine in cans of 5 pounds capacity. Blankets and stretcher kept on hand. The oil used for illuminating purposes is of a fair quality. The second opening meets all the requirements of the law. With the present mine development and equipment and a full force of men this mine is capable of producing 300 tons per day. This mine was reported last year as Smith Mine, No. 143 of the printed report.

R. A. SMITH, Supt.

W. D. WALKER, Mine Boss.

PIEDMONT AND POTOMAC COAL COMPANY.

No. 175. *Virginia or Piedmont Hill Mine.*—This mine is located at

Piedmont on the B. & O. R. R., is a drift opening operating the Lower Kittanning coal on the double entry system. This mine changed hands within the last year. The ventilation is produced by a small furnace which never gives good results. On my last visit the Superintendent informed me that the company had ordered a fan and it was then at the depot and would be installed at once. The drainage is good. The roof in this mine is very treacherous, but is fairly well looked after and timbered. Shooting on the solid is not much practiced now. The oil used for illuminating purposes is of a very fair quality. So far as I could see the powder is carried into the mine in cans of 5 pounds capacity. The second opening meets all the requirements of the law. Blankets and stretcher kept on hand. Rules not posted. With the present mine development and equipment this mine is capable of producing 150 tons per day.

This mine was reported last year as the Virginia Mine, No. 144 of the printed report.

DANIEL ASKEY, Supt.

Wm. ASKEY AND

W. J. BARNARD, Mine Bosses.

THE BIG VEIN COAL COMPANY OF WEST VIRGINIA

No. 176. *Big Vein or Armstrong Mine.*—This mine is located near Shaw on the W. M. R. R., and is a drift opening operating the Pittsburg coal. The ventilation is natural and fairly good. The drainage is good. The roof is rather bad but is very well timbered. The oil used for illuminating purposes is of a fair quality. There is no powder used in this mine. The second opening meets all the requirements of the law. There were no rules posted nor stretcher nor blanket kept on hand. The attention of the management was called to this on each of my visits to this mine and they assured me the law in this respect would be complied with. With present mine development and equipment this mine is capable of producing 200 tons per day.

This mine was reported last year as Big Vein Mine, No. 145 of the printed report.

C. F. JORDAN, Supt.

W. S. BEAVER, Mine Boss.

No. 177. *Four-foot Mine.* This mine is located near Shaw on the W. M. R. R. It is a drift opening operating the 4-foot seam of coal. This mine has not been in operation at either of my visits in the last two years and was not inspected. This mine was reported last year as Four-foot Mine, No. 146 of the printed report.

C. F. JORDAN, Supt.

W. S. BEAVER, Mine Boss.

TAYLOR COAL COMPANY.

No. 178. *Taylor Mine.* This mine is located on the Elk Garden Branch of the W. M. R. R., and on Abrams Creek. It is a drift opening operating the Upper Freeport coal. This mine has not been inspected by me from the fact there were not enough men working in the mine to bring it

under the jurisdiction of the Mine Law. This mine was reported last year as Taylor Mine, No. 147 of the printed report.

Wm. C. LAREW, Supt., and Mine Boss.

MASTELLER COAL COMPANY.

No. 179. *Hampshire or Four-foot Mine.*—This mine is located at Hampshire on the W. M. R. R. It is a drift opening operating the Four-foot seam of coal on the double entry system. The ventilation, produced by a 10 foot fan, has not always been satisfactory by reason of the break-throughs not being driven the proper distance apart and the brattices not kept up. The attention of the Superintendent and Mine Boss was called to this fact, and they agreed to give it their immediate attention and did. The roof in this mine is fairly good. The oil used for illuminating purposes is of a fair quality. There is very little powder used in this mine in getting the coal. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand. With the present mine development and equipment this mine is capable of producing 200 tons per day.

This mine was reported last year as Hampshire Mine, No. 148 of the printed report.

M. MASTELLER, Supt.

HENRY BYERS, Mine Boss.

No. 180. *New Creek Mine.*—This mine is located at Hampshire on the W. M. R. R. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation at present is produced by a furnace and is fair. The company expects to install a fan in the near future. The roof is a rather hard slate and is good. The drainage is fairly good. The oil used for illuminating purposes is of a fair quality. The powder is carried into the mine in cans of 5 pounds capacity. The second opening meets all the requirements of the law. The coal from this mine is dumped over the same tipple as the coal from the Hampshire Four-foot. This is a new operation and was not reported last year.

M. MASTELLER, Supt.

HENRY BYERS, Mine Boss.

ABRAMS CREEK COAL AND COKE COMPANY.

No. 181. *Oakmont Mine.*—This mine is located on the Elk Garden Branch of the W. M. R. R., and on Abrams Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation, produced by a small furnace, has never been satisfactory. The drainage is fairly good. The roof in this mine is good. Shooting on the solid is practiced exclusively. The oil used for illuminating purposes is of a fair quality. So far as I could see the powder is carried into the mine in cans of 5 pounds capacity. The second opening meets all the requirements of the law. On my last visit the company was installing an electric plant and intend to install a fan which will make the ventilation all right.

This mine was reported last year as Oakmont Mine, No. 149 of the printed report.

JAMES CARTER AND
J. G. KINKEAD, Supts.

JAS. SEAMEN, Mine Boss.

GLEASON COAL AND COKE COMPANY.

No. 182. *Gleason No. 1 Mine.*—This is a small mine on the W. M. R. R. two miles south-west of Harrison. It is a drift opening, operating the Upper Kittanning coal. This mine has not been in operation during the last year. This mine was reported last year as Gleason No. 1 Mine, No. 150 of the printed report.

JOHN M. DAVIS, Supt., and Mine Boss.

No. 183. *Gleason No. 2 Mine.*—This mine is located two miles south of Harrison on the W. M. R. R. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation, produced by a furnace which has been installed in the last year, is fairly good. The drainage is good. The roof is a hard slate and is good. Shooting on the solid is practiced some in this mine. The oil used is a fair quality. The second opening meets all the requirements of the law. Blankets and stretchers were not on hand. Rules not posted. With the present mine development and equipment this mine is capable of producing 200 tons per day.

This mine was reported last year as Gleason No. 2 Mine No. 151 of the printed report.

J. M. DAVIS, Supt.

J. H. SMITH, THOS. MALOY AND
S. S. HARVEY, Mine Bosses.

GLADE RUN COAL AND COKE COMPANY.

No. 184. *Sara or Schell Mine.*—This mine is located at Schell on the W. M. R. R. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation is produced by a small furnace which does not give good results. The drainage is good. The roof is fairly good, being a hard slate. The powder so far as I could see is carried into the mine in cans of 5 pounds capacity. The oil used for illuminating purposes is of a fair quality. There were no blankets nor stretcher kept on hand. No rules posted. The second opening did not meet all the requirements of the law. On my last visit to this mine I recommended there be a new second opening made and a fan installed as soon as possible. With the present mine development and equipment this mine is capable of producing 100 tons per day.

This mine was not reported last year as it is a new operation.

LOYD NEWEL, EDWARD GORMAN AND D. I. SEATTERY, Supts.

LOYD NEWEL, B. W. HAVEY AND SIDNEY MURPHY, Mine Bosses.

PIEDMONT BRICK AND COAL COMPANY.

No. 185. *Piedmont Mine.*—This mine is located one mile east of Piedmont on the B. & O. R. R. It is a drift opening operating the Lower Kittanning coal on the double entry system. This mine from some cause has not been in operation during the greater portion of the last year and was not inspected.

This mine was reported last year as Piedmont Mine, No. 152 of the printed report.

B. R. SHULTIC, Supt.

PRESTON COUNTY.

AUSTEN COAL AND COKE COMPANY.

No. 186. *Austen No. 1 Mine.*—This mine is located on the B. & O. R. R., and on Raccoon Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a 10 foot fan, but is not well distributed. The company are driving an air course and when completed will make the ventilation satisfactory. The roof in this mine is a soft slate and dangerous but is very well looked after and timbered. The drainage is very poor in some parts of the mine but the management is making an effort to better the conditions. Shooting on the solid is not practiced in this mine. The powder is carried into the mine in 5 pound cans. The oil used for illuminating purposes is of a fair quality. Blankets and stretchers are kept on hand, and rules are posted. The second opening meets the requirements of the law. With the present mine development and equipment and a full force of men this mine is capable of producing 400 tons per day.

This mine was reported last year as Austen No. 1 Mine, No. 153 of the printed report.

F. W. HORCHLER, Supt.

A. R. MURPHY, Mine Boss.

No. 187. *Austen No. 2 Mine.*—This mine is located on Raccoon Creek 4 miles east of Newburg. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by an 8 foot fan and is good, being well distributed throughout the mine. The drainage is good. The roof in this mine is principally a hard sand rock, but in some parts of the mine there is a slate between the coal and rock somewhat dangerous but is kept well timbered and well looked after. Shooting on the solid is not practiced in this mine. The powder is carried into the mine in cans of 5 pounds capacity. The oil used for illuminating purposes is sold by the operating company and is of a fair quality. Blankets and stretchers kept on hand and rules posted. With the present mine development and equipment and a full force of men this mine is capable of producing 400 tons per day. The second opening of this mine meets all the requirements of the law.

This mine was reported last year as Austen No. 2 Mine, No. 154 of the printed report.

F. W. HORCHLER, Supt.

G. R. COOK, Mine Boss.

HAMILTON COAL AND COKE COMPANY.

No. 188. *Newburg Shaft.*—This mine is located at Newburg on the B. & O. R. R. It is a shaft 170 feet deep operating the Upper Freeport coal on the double entry system. The ventilation is produced by a 20 foot fan and has always been found good and well distributed throughout the mine. The coal is principally mined with the puncher machines. Shooting on the solid is not practiced in this mine. The roof is good being a hard sand rock. The drainage is fairly good. The oil used for illuminating purposes is of a fair quality. Blankets and stretchers kept

on hand. The second opening does not meet all the requirements of the law as yet. The hoisting machinery has not been yet installed at the air shaft. This mine liberates considerable explosive gas but owing to the good ventilation there is no standing gas found. With the present mine development and equipment and a full force of men this mine is capable of producing 300 tons per day.

This mine was reported last year as Newburg Shaft, No. 155 of the printed report.

F. A. HUSTED, Supt.

JOHN McNEIL, JAS. BEAN AND

E. L. GRIFFITHS, Mine Bosses.

J. W. GRIMM AND R. STURMS, Fire Bosses.

GORMAN COAL AND COKE COMPANY.

No. 189. *Gorman No. 1 Mine.*—This mine is located on the B. & O. R., one mile west of Tunnelton. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is very poor. This mine has been working very little in the last two years and has not been inspected but once. They were preparing to install a small furnace which will improve the ventilation somewhat. The drainage and general safety are fair. The roof is fairly good, being a hard slate. The oil used for illuminating purposes is of a fair quality. With present mine development and equipment this mine is capable of producing 50 tons per day. The second opening meets the requirements of the law. This mine was reported last year as Gorman No. 1 Mine, No. 156 of the printed report.

DOUGLAS GORMAN AND

B. F. WILLIAMS Mine Boss.

GEO. ALEXANDER, Supts.

No. 190. *Gorman No. 2 Mine.*—This mine is located on the B. & O. R., on Raccoon Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. There are two openings at this plant, Nos. 1 and 2, which are not yet connected. No. 1 is ventilated by a furnace and No. 2 by a 10 foot fan. The ventilation and drainage in these openings are fairly good. The roof is a hard sand rock and safe. Shooting on the solid is still practiced to some extent. The powder is carried into the mine in cans of 5 pounds capacity so far as I could see. The oil used for illuminating purposes is of a fair quality. With the present mine development and equipment and a full force of men this mine is capable of producing 300 tons per day. Blankets and stretchers kept on hand and rules posted.

DOUGLAS GORMAN AND

JOHN WELCH, Mine Boss.

GEO. ALEXANDER, Supts.

No. 191. *Gorman No. 4 Mine.*—This is a drift mine operating the Upper Freeport coal. This is a new mine and was not reported last year.

GEO. ALEXANDER, Supt.

JOHN WELCH, Mine Boss.

IRONA COAL COMPANY.

No. 192. *Irona No. 1 Mine.*—This mine is located 2 miles west of Kingwood on the W. Va. N. R. R. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a 10 foot fan and is fairly good except in some of the advanced workings. This opening is connected with No. 3 and the coal is all hauled through No. 3 on to No. 2 tipple. The roof in this mine is good. The drainage is good. The oil used for illuminating purposes is of a fair quality. The second opening meets all the requirements of the law. The powder so far as I could see was carried in the mines in cans of 5 pounds capacity. Blankets and stretchers kept on hand. There were some recommendations made in regard to bettering the ventilation in this mine which I feel sure will be carried out. With the present mine development and equipment and a full force of men this mine is capable of producing 300 tons per day.

This mine was reported last year as Irona No. 1 Mine, No. 158 of the printed report.

C. W. SANDRIDGE AND T. R. SPENCER, Supts.

T. R. SPENCER AND CLAUDE STARR, Mine Bosses.

No. 193. *Irona No. 2 Mine.*—This mine is located 2 miles west of Kingwood on the W. Va. N. R. R., and on Morgans Run. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a small furnace which does not give very satisfactory results. On my last visit the ventilation was somewhat improved by the furnace stack being raised higher. The roof in this mine is principally sand rock. The powder is carried into the mines in cans of 5 pounds capacity. The oil used for illuminating purposes I think meets the requirements of the law. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand. With the present mine development and equipment and a full force of men this mine is capable of producing 400 tons per day.

This mine was reported last year as Irona No. 2 Mine, No. 159 of the printed report.

C. W. SANDRIDGE AND T. R. SPENCER, Supts.

T. R. SPENCER AND CLAUDE STARR, Mine Bosses.

MERCHANTS COAL COMPANY.

No. 194. *Tunnelton No. 1 Mine.*—This mine is located at Tunnelton on the B. & O. R. R. It is a drift opening operating the Upper Freeport coal on the double entry system. This mine has not been in operation for the last two years until recently. They are making a final robbing of pillars preparatory to abandonment. The ventilation is natural and is fairly good. The drainage is fair. General safety fairly good. The roof is generally a hard sand rock. The powder is carried into the mine in cans of 5 pounds capacity. Reported last year as Tunnelton No. 1 Mine, No. 161 of the printed report.

GEORGE CUMMINGS, SR., Supt.

THOS. CLARK, Mine Boss.

No. 195. *Merchants or Tunnelton No. 2 (and No. 3) Mines.*—These mines are located at Tunnelton on the B. & O. R. R., and are drift openings operating the Upper Freeport coal on the double entry system. No. 3 has not been in operation for the last two years and has not been inspected by me.

No. 2 has been regularly inspected four different times during the last year. The ventilation, produced by a 16 foot fan, has always been very good. The drainage and general safety are fairly good. The roof is generally sand rock except in some of the headings where it is of a rather treacherous slate but is well timbered and well looked after. So far as I could see the powder law is strictly complied with. Shooting on the solid is not practiced. The second opening meets all the requirements of the law. With the present mine development and equipment this mine is capable of producing 1200 tons per day.

This mine was reported last year as Tunnelton Nos. 2 and 3 Mines, No. 162 of the printed report.

GEORGE CUMMINGS, SR., Supt.

Wm. EDWARD AND

G. M. RENSHAW, Mine Bosses.

OAKLAND COAL AND COKE COMPANY.

No. 196. *Corinth Mine.*—This mine is located at Corinth on the B. & O. R. R., and on Snowy Creek. It is a drift opening operating the Upper Freeport coal, partly on the double entry system. The ventilation, produced by a 12 foot fan, is poor in some portions of the mine by reason of the brattices being neglected and break-throughs not driven the proper distance apart. The attention of the mine management has been called to this fact in a somewhat forcible manner and they are making the necessary effort to put the mine in a satisfactory condition. The roof is excellent, being tough sand rock. The drainage is fair. Shooting on the solid is practiced very much in this mine. So far as I could see the powder is carried into the mine in cans of 5 pounds capacity. The oil used for illuminating purposes was of a fair quality, except the drivers were using a mixture of coal oil. There are no rules posted. Blankets and stretchers are kept on hand.

With the present mine development and equipment this mine is capable of producing 300 tons per day.

This mine was reported last year as Corinth Mine, No. 163 of the printed report.

S. H. JORDAN, Supt.

JOHN HENRY AND

Wm. BURKE, Mine Bosses.

KINGWOOD COAL COMPANY.

No. 197. *Howesville Mine.*—This mine is located on the W. Va. N. R. R., five miles west of Kingwood. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a small furnace and is not satisfactory of late, as the workings have become too extensive for the furnace to properly ventilate. I recom-

mended that a fan be installed. The roof is a hard sand rock. The drainage and general safety are good. The powder is carried into the mine in cans of 5 pounds capacity. The oil used for illuminating purposes is of a fair quality. Shooting on the solid is not much practiced. Blankets and stretchers kept on hand and rules posted. With the present mine development and equipment, this mine is capable of producing 350 tons per day.

This mine was reported last year as Howesville Mine, No. 164 of the printed report.

V. E. GOECKE AND W. B. EDWARDS, Supts.

THOS. MACKEY AND W. B. EDWARDS, Mine Bosses.

HITE COAL AND COKE COMPANY.

No. 198. *Dixie Mine*.—This mine is located on the B. & O. R. R., and on Raccoon Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a furnace and has always been very good. The air is very well distributed around the working faces. The drainage and general safety are good. The roof is a hard sand rock. Shooting on the solid is not practiced in this mine. The powder is carried into the mine in 5 pound cans. Blankets and stretchers kept on hand and rules posted. The second opening meets all the requirements of the law. With the present development and equipment this mine is capable of producing about 150 tons per day.

This mine was reported last year as Dixie Mine, No. 165 of the printed report.

R. M. HITE, Supt.

ALF. FORTNEY, Mine Boss.

ORR COAL AND COKE COMPANY.

No. 199. *Vulcan Mine*.—This mine is located on the B. & O. R. R., and on Raccoon Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a 10 foot fan and is fairly good at present. The main air course has been cleaned up and the brattices all repaired which makes a great improvement in the ventilation. The drainage and general safety are fairly good. The roof in some parts of the mine is sand rock and in some places is a very treacherous slate, but is well timbered and looked after. The oil used for illuminating purposes is of a fair quality. The second opening meets the requirements of the law. Blankets and stretchers are kept on hand. With the present development and equipment this mine is capable of producing 350 tons per day. The powder law I think is strictly observed in this mine.

This mine was reported last year as Vulcan Mine, No. 166 of the printed report.

J. M. ORR, Supt.

F. E. DAWSON, Mine Boss.

THE MANUFACTURERS COAL AND COKE COMPANY.

Nos. 200 and 201. *Victoria Nos. 1 and 2 Mines*.—These mines are located on Three Fork Creek one mile north of Hardman on the B. & O. R. R. No.

1 is a drift opening in the Lower Kittanning seam but has not been in operation for the past two years.

No. 2 is a slope opening operating the Lower Kittanning seam partly on the triple entry system. This mine generates considerable explosive gas but is fairly well ventilated by a 10 foot Robinson fan and at present is well looked after as regards gas. The roof is rather hard slate and is fairly good. The drainage is good except on some of the haulways. The oil used is fairly good. Shooting on the solid is practiced but very little. The powder is taken into the mines in cans of 5 pounds capacity. Blankets and stretchers are kept on hand. With the present development and full force of men this mine is capable of producing 300 tons per day. The second opening meets with the requirements of the law.

These mine were reported last year as Victoria Nos. 1 and 2 Mines, Nos. 167 and 168 of the printed report.

J. H. HUMPHREYS, Supt., and Mine Boss. Wm. McGINNIS, Fire Boss.

PENNSYLVANIA CONSOLIDATED COAL COMPANY.

No. 202. *Shrader Mine*.—This mine is located on Three Fork Creek, one and one half miles north of Hardman on the B. & O. R. R. This is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation is produced by a 10 foot fan and has always been fairly good and fairly well distributed throughout the mine. This mine is somewhat dry and dusty but is kept fairly well watered and damp. This mine of late has been generating fire damp in small quantities. I have had the management to employ a fire boss and keep the fan running day and night. The roof is a slate and very good. The second opening meets all the requirements of the law. This mine closed down indefinitely two months ago. This mine was reported last year as the Shrader Mine, No. 169 of the printed report.

CHAS. FORTNEY AND R. B. YOUNGKINS, Supts.

L. LEWIS AND J. M. PHILLIPS, Mine Bosses.

ATLANTIC COAL AND COKE COMPANY.

No. 203. *Atlantic Mine*.—This mine is located three miles east of Tunnelton on Pringles Run. It is a drift opening operating the Upper Freeport coal on the triple entry system. The ventilation is produced by a 16 foot Robinson fan, and has always, in the last year, been found good. The drainage and general safety are good. The oil used for illuminating purposes meets the requirements of the law. The roof is a hard sand rock. The powder is carried into the mine in cans of 5 pounds capacity. Blankets and stretchers kept on hand. With the present mine development and equipment this mine is capable of producing 350 tons per day.

The second opening meets all the requirements of the law.

This mine was reported last year as Atlantic No. 1 Mine, No. 170 of the printed report.

C. W. SANDRIDGE and R. S. LA RUE, Supts.

THOS. MACKEY AND JOHN MORRISON, Mine Bosses.

ELKINS COAL AND COKE COMPANY.

No. 204. *No. 2 or Bretz Mine.*—This mine is located at Bretz on the M. & K. R. R., and on Deckers Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a 16 foot Robinson fan which produces a good volume of air but is not well conducted around the working faces as it should be. The roof is good. This seam is nearly 6 feet thick here and about 2 feet next the top it not taken out as it is not good for coking purposes, and forms an excellent and safe roof. The oil used is of a very poor quality. I took the matter up with the general manager and he assured me he would have a better quality of oil used. The powder is carried into the mine in cans of 5 pounds capacity. Blankets and stretchers kept on hand. The second opening meets all the requirements of the law. With the present mine development and equipment and full force of men this mine is capable of producing 700 tons per day.

This mine was reported last year as No. 2 Mine, No. 171 or the printed report.

J. B. HANFORD, Supt.

G. B. MILLER, JAMES MALONY

AND J. Y. RALSTON, Mine Bosses.

No. 205. *Kingwood or No. 4 Mine.*—This mine is located one mile north of Kingwood and is on the M. & K. R. R. There are two openings at this plant, Nos. 1 and 2, operating the Upper Freeport coal on the double entry system. The ventilation in No. 1 opening is produced by a 16 foot fan and is good throughout the mine. The drainage is good. The roof is a sand rock. The general safety is fair.

No. 2 opening is ventilated by a Clifford fan, 4 feet in diameter, and is good throughout the mine. The drainage and general safety are fair. The roof is sand rock. The oil used for illuminating purposes is fairly good. The second opening at this plant meets all the requirements of the law. With the present mine development and equipment this plant is capable of producing 300 tons per day. The powder is carried into the mine in cans of 5 pounds capacity. This plant was reported last year as No. 4 Mine, No. 172 of the printed report.

J. B. HANFORD, Supt.

R. R. BEVERIDGE, Mine Boss.

No. 206. *No. 6 Mine.* This is a new plant started within the last year and is located at Masontown on the M. & K. R. R., and on Deckers Creek. There are two openings operating the Upper Freeport coal on the double entry system. They intend to connect one of the openings with Bretz No. 2 Mine. The other opening will be operated as No. 6 They are shipping just a little coal at present.

J. B. HANFORD, Supt.

J. S. MARTIN, Mine Boss.

PRESTON COUNTY COKE COMPANY.

No. 207. *No. 1 Mine.*—This is a new operation started within the last few months. It is a drift opening operating the Upper Freeport coal.

The company expects to convert the entire output of the mine into coke. There are 100 coke ovens now in course of construction.

EVERHART BIERER, Supt.

J. B. HAILE, Mine Boss.

RANDOLPH COUNTY.

DAVIS COLLIERY COMPANY.

No. 208. *No. 1 or Coalton Mine.*—This mine is located 5 miles above Roaring Creek Junction and on Roaring Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation, produced by a 20 foot Robinson fan, has always been found good, each heading is ventilated separately. The drainage is good. The roof is a very hard slate and is good. Shooting on the solid is practiced. It was formerly the practice to take full kegs of powder into the mine, but that practice has been abandoned. The company has built a house with partitions just the size for holding a keg of powder and each miner is furnished one of these partitions with a lock and key and keeps his powder in it and takes his powder into the mine each day in a can of 5 pounds capacity. The oil used for illuminating purposes meets the requirements of the law. Blankets and stretchers kept on hand. The second opening meets all the requirements of the law. With the present mine development and equipment this mine is capable of producing 800 tons per day.

This mine was reported last year as Colliery No. 1, No. 173 of the printed report.

A. C. FINLEY AND F. C. CORNET, Supts.

ED. WILLIAMS AND JOHN CONDRY, Mine Bosses.

No. 209. *No. 3 or Harding Mine.*—This mine is located at Harding on the W. M. R. R. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a 10 foot fan and on my last visit was good, being very much improved by putting in overcasts and repairing the brattices. The drainage is good. There are about 2 feet of head coal left which makes an excellent roof. Shooting on the solid is practiced some in this mine. The powder is carried into the mine in cans of 5 pounds capacity. The oil used for illuminating purposes meets the requirements of the law, except that used by motor men and drivers. I found them using a mixed oil.

This mine is capable of producing 600 tons per day.

Blankets and stretchers kept on hand. The second opening meets all the requirements of the law.

This mine was reported last year as Colliery No. 3, No. 174 of the printed report.

A. C. FINLEY AND A. C. DAVIS, Supts.

A. C. DAVIS AND W. S. WILSON, Mine Bosses.

No. 210. *Grassy Run Mine.*—This mine is located on the C. & C. R. R., and on Grassy Run. It is a drift opening in the Upper Freeport coal. This mine has not been in operation for the past two years. This mine was reported last year as Grassy Run Mine, No. 175 of the printed report.

DAVIS COAL & COKE COMPANY.

No. 211. *Weaver No. 1 Mine.*—This mine is located on the Beaver Creek & Belington R. R., and on Beaver Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation, produced by a 12 foot fan, has always been good until my last inspection when it was found rather poor, owing to the airways being choked and the brattices being neglected. The drainage is fair. The roof in this mine is a rather soft slate but is fairly well timbered. The oil used for the illuminating purposes is of a fair quality. Blankets and stretchers kept on hand. Shooting on the solid is practiced to some extent. Powder is carried into the mine in cans of 5 pounds capacity.

The second opening meets all the requirements of the law. With the present mine development and full force of men this mine is capable of producing 600 tons per day.

This mine was reported last year as Weaver No. 1 Mine, No. 176 of the printed report.

M. L. GARVEY, Supt.

JOSEPH TODD AND

W. F. REEVES, Mine Bosses.

No. 212. *Weaver No. 2 Mine.*—This mine is located on the Belington & Beaver Creek R. R., and on Beaver Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is produced by a 12 ft. fan and has formerly been found good, but on my last visit I found the brattices not kept up, the cross-cuts not driven regularly and the ventilation not so good. The drainage is good. The grades in this mine are very steep. There have been a rope haulage installed here in the past year. The roof is slate and somewhat bad but is well timbered and looked after. The coal is nearly 8 ft. thick and of good quality. The powder is carried into the mine in cans of 5 pounds capacity. The oil used for illuminating purposes is sold by the operating Company and is of a fair quality. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand. With present mine development and equipment this mine is capable of producing 500 tons per day. This mine was reported last year as Weaver No. 2 Mine, No. 177 of the printed report.

M. L. GARVEY, Supt.

W. F. REEVES and THOS. MACKEY, Mine Bosses.

No. 213. *No. 5 or Leiter Mine.* This mine is located on the C. & C. R. R. one mile from Roaring Creek Junction. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation, produced by a furnace, is not very satisfactory. The coal in this mine does not show up very well, it is low and faulty. The Company is driving entries with a view of prospecting the coal. There are not many miners working in this mine. The roof is principally a hard slate. Shooting on the solid is practiced. The oil used for illuminating purposes is of a fair quality. The second opening meets all the requirements of the law. Blankets and stretchers not kept on hand, nor rules posted. With the

present mine development and equipment this mine is capable of producing 75 tons per day.

This mine was reported last year as Leiter Mine, No. 178 of the printed report.

M. L. GARVEY, Supt.

Wm. CHRISTOPHER AND
JAS. LAKE, Mine Bosses.

W. H. GREEN.

No. 214. *Klondyke Mine*.—This mine is located one mile west of Mabie on Roaring Creek. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation is natural, a number of the rooms being driven out to the crop makes the ventilation fairly good. The drainage is fair. The general safety fairly good. So far as I could see the powder was carried into the mine in cans of 5 pounds capacity. The second opening meets all the requirements of the law. The oil used for illuminating purposes is of a fair quality. No blanket nor stretcher kept on hand nor rules posted. With present mine development and equipment this mine is capable of producing 150 tons per day.

This mine was reported last year as Klondyke Mine, No. 179 of the printed report.

W. H. GREEN, Supt., and Mine Boss.

TUCKER COUNTY.

DAVIS COAL AND COKE COMPANY.

No. 215. *Thomas Drift or No. 23 Mine*.—This mine is located at Thomas on the W. M. R. R. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation, produced by an 18 foot fan, has always been found very satisfactory. The drainage is very good except in some of the dip workings. Oil used for illuminating puposes is of a very fair quality. The roof is a hard slate and fairly good. Shooting on the solid is still practiced to some extent. The powder is carried into the mine in cans of 5 pounds capacity so far as I could see. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand and rules posted. With present mine development and equipment this mine is capable of producing 1200 tons per day. This mine was reported last year as No. 23 Mine, No. 180 of the printed report.

D. R. JONES, W. H. CUNNINGHAM AND D. R. PHILLIPS, Supts.

ALEX. CLOSE AND Wm. McFARLAND, Mine Bosses.

No. 216. *No. 25 Mine*.—This mine is located at Thomas on the W. M. R. R. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation, produced by a 10 foot fan, was fairly good when the fan was kept running. The drainage is fairly good. The roof is a very hard slate and is good. The oil used for illuminating purposes is fair quality. Shooting on the solid is generally practiced. The second opening meets all the requirements of the law. The north

portion of this mine is driven to the dip and at this time liberates considerable fire damp. On the 4th of February, 1907, there was an explosion of fire damp which caused the death of 24 men, and the Superintendent, D. R. Jones, lost his life after the explosion by venturing too far in the after damp, making in all 25 deaths resulting from the explosion. With the present mine development and equipment and full force of men this mine is capable of producing 600 tons per day.

This mine was reported last year as No. 25 Mine, No. 181 of the printed report.

D. R. JONES, W. H. CUNNINGHAM AND D. R. PHILLIPS, Supts.

Wm. RIGGLEMAN, Mine Boss.

A. STUART AND JOA GOLIA, Fire Bosses.

No. 217. *No. 26 Mine.*—This mine is located at Coketon on the W. M. R. R., and on the north branch of the Black Water. It is a drift opening operating the Upper Freeport coal on the double entry system. The ventilation, produced by a 15 foot fan, which has been installed in the last year, is good. The drainage is fair. The oil used for illuminating purposes is of a fair quality. Shooting on the solid is practiced. The second opening meets all the requirements of the law. The coal in this mine is somewhat faulty, the sand rock almost cuts the coal out in some places. The powder is carried into the mine in cans of 5 pounds capacity. With the present mine development and equipment this mine is capable of producing 150 tons per day.

This mine was reported last year as No. 26 mine, No. 182 of the printed report.

R. C. SIMPSON AND C. W. SCHARAR, Supts.

S. G. SIMPSON AND THOS. KILROY, Mine Bosses.

No. 218. *No. 34 or Thomas Shaft Mine.*—This mine is located at Thomas on the W. M. R. R. It is a shaft opening 187 deep, operating the Lower Kittanning coal on the double entry system. The ventilation, produced by a 10 foot fan, has not always been satisfactory, owing to neglect in allowing the air shaft to become obstructed at the bottom by dirt and ashes washing in from the top and the air courses not properly driven. There were some recommendations made to the mine management in regard to this. The drainage is fair except on some of the haulways. The roof is bad where head coal is not left up. The company has adopted the rule of leaving head coal where it can be done and it forms a good roof and a great saving in operating the mine and safety to the miners. The oil used for illuminating purposes is of a fair quality. The powder is carried into the mine in cans of 5 pounds capacity. Blankets and stretchers kept on hand and rules posted. The second opening meets all the requirements of the law. With the present mine development and equipment this mine is capable of producing 700 tons per day.

This mine was reported last year as No. 34 Mine, No. 183 of the printed report.

D. R. JONES, W. H. CUNNINGHAM AND D. R. PHILLIPS, Supts.

A. E. WOOD, Mine Boss.

No. 219. *No. 35 Mine.*—This mine is located at Coketon on the W. M. R. R., and is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation is natural and poor. The drainage is not good but is somewhat improved in the last few months. The roof is a soft slate and treacherous but is fairly well timbered and looked after. The oil used for illuminating purposes is of a fair quality. The powder is carried into the mine in cans of 5 pounds capacity. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand. Rules posted. With the present mine development and equipment this mine is capable of producing 200 tons per day.

This mine was reported last year as No. 35 Mine, No. 184 of the printed report.

R. C. SIMPSON AND C. W. SCHARAR, Supts.

JAMES CHRISTOPHER, Mine Boss.

No. 220. *No. 36 Mine.*—This mine is located at Coketon on the W. M. R. R. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation, produced by a 15 foot fan, has always been found fairly good and is fairly well distributed throughout the workings with some few exceptions. The drainage is only fair. The roof is good, the head coal being left up which makes a good safe roof. The oil used for illuminating purposes is of a fair quality. So far as I could see the powder is carried into the mine in cans of 5 pounds capacity. Shooting on the solid is practiced in this mine. The second opening meets all the requirements of the law. With the present mine development and equipment and a full force of men this mine is capable of producing 600 tons per day.

This mine was reported last year as No. 36 mine, No. 185 of the printed report.

R. C. SIMPSON AND C. W. SCHARAR, Supts.

W. J. CHRISTOPHER AND JAMES CHRISTOPHER, Mine Bosses.

No. 221. *No. 37 Mine.*—This mine is located at Coketon on the W. M. R. R., and on the North Branch of Black Water. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation is produced by a 10 foot fan. There has been some improvement in the ventilation. The drainage is very good except in some places. There have been great improvements in the general conditions of this mine in the last eight or ten months, and I am glad to state the improvements are still going on; driving new air courses and improving the drainage and the general safety of the mine. The roof in this mine is bad where the head coal is taken down. The oil used for illuminating purposes is of a fair quality. Shooting on the solid is still practiced to some extent. Rules are posted. Blankets and stretchers kept on hand. The second opening meets all the requirements of the law. With the present mine development and equipment and a full force of men this mine is capable of producing 500 tons per day.

This mine was reported last year as No. 37 Mine, No. 186 of the printed report.

R. C. SIMPSON AND C. W. SCHARAR, Supts.

THOS. KILROY AND GEORGE CHRISTOPHER, Mine Bosses

CUMBERLAND COAL COMPANY.

No. 222. *No. 3 Mine.*—This mine is located at Douglas on the W. M. R. R., and is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation is natural and is only fair. The drainage is fairly good. There have been great improvements in the drainage and general conditions in this mine. The roof is bad but is fairly well timbered and looked after. Shooting on the solid is practiced somewhat. The powder is carried into the mine in cans of 5 pounds capacity. The second opening meets all the requirements of the law. Blankets and stretchers kept on hand. The oil used for illuminating purposes is only of a fair quality. With the present mine development and equipment this mine is capable of producing 100 tons per day.

This mine was reported last year as No. 3 Mine, No. 188 of the printed report.

J. B. JENKINS, Supt.

A. I. JENKINS, Mine Boss.

Nos. 223 and 224. *Nos. 4 and 5 Mines.*—These mines are located at Douglas on the W. M. R. R., and are drift openings operating the Lower Kittanning coal on the double entry system. These openings are connected and ventilated by a 20 foot fan, and the ventilation is very good. The drainage is very good. There has been a very great improvement in the ventilation, drainage and general condition of these mines in the past year. The roof is very good. Shooting on the solid is still practiced in these mines. The oil used for illuminating purposes is sold the employees by the operating company and is only of a fair quality. The powder is carried into the mine in cans of 5 pounds capacity. Blankets and stretchers kept on hand. With the present mine development and equipment these mines are capable of producing 500 tons per day.

These mines were reported last year as Nos. 4 and 5 Mines, Nos. 189 and 190 of the printed report.

J. B. JENKINS, Supt.

A. I. JENKINS, Mine Boss.

No. 225. *No. 1 Mine.*—This mine is just being developed.

J. B. JENKINS, Supt.

A. I. JENKINS, Mine Boss.

BEACON COAL AND COKE COMPANY.

No. 226. *Beacon Mine.*—This mine is located about 6 miles east of Davis on the Davis Branch of the W. M. R. R., and on Beavers Creek. It is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation, produced by a 10 foot fan, has always been found good. The drainage is good. The roof is soft slate and is rather bad, but is very well timbered and looked after. The oil used for illuminating purposes is of a fair quality. The powder is carried into the mine in cans of 5

pounds capacity. Shooting on the solid is still practiced to some extent. The second opening meets all the requirements of the law. Blankets and stretchers on hand. Rules not posted. With the present mine development and equipment this mine is capable of producing 400 tons per day.

This mine was reported last year as Beacon No. 1 Mine, No. 191 of the printed report.

W. C. PATTERSON, Supt.

FRANK BELL AND
ALEXANDER CLOSE, Mine Bosses.

FOURTH DISTRICT

*GENERAL SUMMARY OF THE FOURTH DISTRICT, FOR THE YEAR
ENDING JUNE 30, 1907.*

COUNTY.	No. of Openings.	No. Persons Killed.	EMPLOYEES.								Production of		
			Inside.					Outside.			Sum Total.	Coal (tons of 2,240 lbs)	Coke (tons of 2,000 lbs)
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Total.	Laborers.	Coke Workers.	Total.			
Braxton....	5	..	51	.....	.....	15	66	10	....	10	76	55,774	.....
Clay.....	4	..	58	20	6	21	105	25	....	25	130	60,252	.....
Fayette (in part)....	42	5	1,109	900	146	883	3,038	415	234	649	3,687	2,353,709	210,786
Kanawha (in part)...	43	3	378	839	165	560	1,942	249	20	269	2,211	1,234,161	18,287
Mason	7	1	148	40	12	25	225	31	....	31	256	93,211	.....
Nicholas....	8	1	65	51	14	28	158	35	....	35	193	57,412	.....
Putnam....	10	1	525	....	2	284	811	189	....	189	1,000	401,413	.....
Totals.....	119	11	2,334	1,850	345	1,816	6,345	954	254	1,208	7,553	4,255,932	229,073

OFFICE OF THE FOURTH DISTRICT MINE INSPECTOR.

Clifton, W. Va., Nov. 19, 1907.

HON. JAMES W. PAUL,

Chief of the Department of Mines,

Charleston, W. Va.

Sir:—I herewith respectfully submit to you for your consideration my annual report as Inspector of the mines in the Fourth District of West Virginia, for the year ending June 30, 1907.

During the year I made a hundred and eighty-five inspections and fifty-four special visits, submitting one hundred and thirty-six written reports.

I am glad to report that the companies in this district are giving more careful attention to the general safety of the mines in their care by showing a willingness to comply with any recommendations that tend to eliminate serious or fatal accidents.

As to the ventilation of the mines, many of them could be greatly improved if the mine bosses gave their attention to the proper distribution of the air. Under the Mine Law the mine boss is required to keep a careful watch over the ventilating apparatus and the airways and to see that proper break-throughs are made to properly ventilate the mine. In many instances the provisions of this law have not been complied with. Carelessness is frequently the cause of failure on the part of the mine boss to fulfill the requirements of the law, but little or no attention being given to a proper distribution of the air. It is difficult to figure out the reason why a mine boss should be so negligent of his duty when no one who is at all conversant with mining will attempt to dispute the statement

that good ventilation is very essential to the successful operation of any mine.

The principal improvements during the year have been the construction of four electric plants and the installing of ten new fans.

At the close of the year I am pleased to report that my official business with employers and employes, in most instances, have been pleasant and agreeable.

I sincerely appreciate the very able advice and courteous treatment that I have received from you during the past year.

Very respectfully yours,

EARL A. HENRY.

Mine Inspector Fourth District.

*MINES NOT IN OPERATION DURING THE YEAR AND THEREFORE
NOT INSPECTED OR REPORTED.*

MASON COUNTY.

New Castle Mine; Harris Mine.

CLAY COUNTY.

Ohio Mine. 193 of Printed report.

FAYETTE COUNTY.

Victoria Mine, north: Central Mine.

KANAWHA COUNTY.

Burning Springs Mine; Black Hawk Mine; Clendenin Mine; Black Diamond Mine; Witcher Mine; Sunday Creek No. 103; Sunday Creek No. 104 Cedar Grove Seam; Sunday Creek 110; Pond Fork Mine No. 4

CONDITION OF THE MINES IN THE FOURTH DISTRICT.

GILMER COUNTY.

THE COSMOPOLITAN COAL AND COKE COMPANY.

P. O., EMART, W. VA.

No. 80. *Gilmer Mine No. 1.*—This is a drift mine located on a line of the Coal & Coke Railroad seventeen miles north of Gassaway. It operates the Pittsburg seam which has a thickness of from six to eight feet. The roof is slate of a dangerous character and requires careful attention to insure safety. The miners are well supplied with timber and the mine is properly timbered. Developments are on the double entry system ventilated by a furnace which furnishes sufficient air for the number of persons employed. Owing to the numerous clay veins in this seam of coal, the cross cuts are driven somewhat irregularly. Mine doors and stoppings in good condition; drainage fair. The second opening meets with the requirements, but no rules are posted; no safety lamp or stretchers at hand.

This a new mine the first shipment of coal being made June 10, 1907. Not listed in the last printed report.

NICHOLAS COLE, Supt.

JOS. CHADWICK, Mine Boss.

BRAXTON COUNTY.

DAVIS COLLIERY COMPANY.

P. O., BOWER, W. VA.

No. 227. *Mine No. 10.*—This mine is located on a line of the Coal & Coke Railroad, sixteen miles north of Gassaway and operates the Pittsburg seam of coal which varies in thickness from four to seven feet. The roof is slate of a very dangerous character and requires careful attention to insure safety. The miners are well supplied with timber and the mines are properly timbered. Drainage fair. There are four distinct openings to this mine developed on the double entry system, each opening being ventilated by a temporary furnace with good results. In the near future these openings will have inside connection at which time a large fan will be installed. Owing to the numerous clay veins in this seam of coal, the cross cuts are somewhat irregularly driven. The management has made arrangements to make this a large development, having constructed a number of tenement houses and a large and complete steel tippie costing about forty thousand dollars.

This mine was not listed in the last printed report.

R. D. EDWARDS, Supt.

DAVID EVANS, Mine Boss.

No. 228. *Mine No. 11.*—This is a drift mine located on the main line of the Coal & Coke Railroad, fifteen miles north of Gassaway, operating the Pittsburg seam of coal which varies in thickness from five and a half to seven feet. The roof is slate of a dangerous nature and has to be given careful attention and securely propped to insure safety. The miners are well supplied with timber and the mine is properly timbered. Developments are on the double entry system, ventilation being produced by a furnace which does not furnish sufficient air to meet with the requirements of law. Cross cuts are irregularly driven owing to the numerous clay veins in this seam of coal. The superintendent's attention was called to the deficiency in ventilation with the request that a better system be installed. As yet no arrangements have been made for a permanent system of drainage. The second opening is in good condition. No rules are posted at the mine; no safety lamp or stretchers kept on hand.

This mine was not listed in the last printed report.

R. D. EDWARDS, Supt.

WILLIAM MARTIN, Mine Boss.

CLAY COUNTY.

DORFEE COAL MINING COMPANY.

P. O., DORFEE, W. VA.

No. 229. *Elk Manor Mine.*—This is a drift mine located at Dorfee on the main line of the Coal & Coke Railroad, forty-two miles north of

Charleston. Operations are in the Winifrede seam which has a thickness of four and a half feet. The roof is slate and generally good and the mine properly timbered. The mine is developed on the double entry system and ventilation is produced by an eight-foot Thayer fan. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Ventilation generally good; drainage fair. Haulways are in fair condition. The oil used for illuminating purposes is of a fair quality. The second opening meets with the requirements. Rules are posted, safety lamp and stretchers kept at hand as required by law.

This mine was reported last year as Elk Manor Mine, No. 192 of the printed report.

HENRY BROOKE, Supt

T. L. PUGH, Mine Boss.

CARTER COAL COMPANY.

P. O., SCOTFORD, W. VA.

No. 230. *Carter Mine.*—This is a drift mine located on the Open Fork of Bell Creek on a branch of the C. & O. Railway, eleven miles north of Gauley Bridge, operating the Coalburg seam which has a thickness of four feet. The roof is slate and good and the mine properly timbered. Drainage fair. The developments are on the double and single entry system, ventilated by a temporary furnace which does not furnish sufficient air to meet with the requirements of the law. Powder and oil laws are well observed. The second opening is in good condition. No rules are posted; no safety lamp or stretchers on hand.

This mine was reported last year as Carter Mine, No. 194 of the printed report.

WILLIAM TAMPLIN, Supt.

W. R. COTTLE AND

T. B. CRAZE, Mine Bosses.

KENTUCKY COAL AND LUMBER COMPANY.

P. O., SCOTFORD, W. VA.

No. 231. *Scott Mine.*—This mine is located on the Open Fork of Bell Creek on a branch of the C. & O. Railway, twelve miles from Gauley Bridge. It is a drift opening operating the Coalburg seam which varies in thickness from three to four and a half feet. The roof is slate and generally good and the mines properly timbered. Developments are on the double entry system, ventilated by a temporary furnace which does not furnish sufficient air for the proper ventilation of the mine. Cross cuts are neglected to some extent. Mine doors and stoppings poorly constructed. Drainage fair. Powder and oil laws are well observed. The second opening is in good condition; no rules posted; no safety lamp or stretchers on hand.

This mine was formerly operated by the Gauley Consolidated Coal Company but during the year passed to the management of the Kentucky Coal and Lumber Company.

Was reported last year as Scott Mine, No. 195 of the printed report.

L. D. BURNS, Supt.

C. B. DEAN, Mine Boss.

ELK RIVER COAL AND LUMBER COMPANY.

P. O., CLAY, W. VA.

No. 232. *Dundon No. 1 Mine.*—This is a drift mine located near Clay on the main line of the Coal and Coke Railroad. It is a drift mine and the coal has a thickness of six feet with a nine inch parting of boné coal and slate. The roof is sand stone and slate and is very good, and the mine is properly timbered. Developments are on the double entry system and ventilation is produced by natural causes which give very poor results. A letter was addressed to the management calling attention to this poor system of ventilation and demanding that a better system of ventilation be installed without delay. The second opening meets with the requirements, but no rules are posted nor safety lamp or stretchers kept at hand as required by law.

This is a new mine and was not listed in the last printed report.

J. G. BRADLEY, Supt.

DAVID STODDARD, Mine Boss.

FAYETTE COUNTY.

SUNDAY CREEK COMPANY.

P. O., CARBONDALE, W. VA.

No. 233. *Sunday Creek Mine No. 111.*—This is a drift mine located on Smithers Creek one half mile east of Cannelton on a branch line of the K. & M. Railroad. The No. 2 Gas Seam is operated and has a thickness of five feet. The roof is slate and very good and the mine properly timbered. The mine is developed on the double entry system and the ventilation is produced by a six-foot Thayer fan that furnishes sufficient air that is properly distributed throughout the mine. Cross cuts between entries and rooms are regularly driven. Mine doors and stoppings in good condition. Haulways are clear of obstructions, with ample room for workmen to pass the cars. The mine is practically dry and some sections have to be regularly watered to allay the dust. The powder and oil laws are strictly enforced. The second opening meets with the requirements of law. Safety lamp and stretchers on hand and rules posted as required by law.

This mine was reported last year as No. 111, No. 196 of the printed report.

T. E. ROAN, Supt.

JOHN WELCH, Mine Boss.

No. 234. *Sunday Creek Mine No. 112.*—This is a drift mine located one mile east of Cannelton on a branch line of the K. & M. Railroad. It operates the No. 2 Gas Seam which has a thickness of five feet. The roof is slate and generally good; the mine properly timbered. The mine is developed on the double entry system and ventilated by an eight-foot Thayer fan with fair results. Cross cuts are regularly driven; mine doors and stoppings in fair condition. The mine is practically dry and in some sections has to be regularly watered to allay the dust. Haulways are in good condition with ample room for workmen to pass the cars. The second opening meets with the requirements of the law. Safety lamp and stretchers are kept on hand and rules posted as required by law.

This mine was reported last year as No. 112, No. 197 of the printed report.

T. E. ROAN, Supt.

M. B. WELCH, Mine Boss.

P. O., LONGACRE, W. VA.

No. 235. *Sunday Creek Mine No. 114*.—This mine is located at Longacre on the K. & M. Railroad. It is a drift opening operating the No. 2 Gas Seam which has a thickness of five and a half feet. The roof is slate and generally good and the mine properly timbered. Developments are on the double entry system and ventilation is produced by a seven-foot Stine fan which furnishes sufficient air for the proper ventilation of the mine. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings in fair condition. Haulways are clear of obstructions with sufficient room for workmen to pass the cars. The mine is practically dry and in some sections there is a slight accumulation of dust which is kept thoroughly watered. Powder and oil law is strictly enforced. Second opening meets the requirements of law. Safety lamp and stretchers on hand and rules posted at the mine.

This mine was reported last year as No. 114, No. 198 of the printed report.

T. E. ROAN, Supt.

ROBERT TAYLOR, Mine Boss.

No. 236. *Mine No. 114 X*.—This is a new opening operated in connection with Mine 114. It is a drift opening into the No. 2 Gas Seam which has a thickness of five and a half feet with a slate roof which is generally good and the mine properly timbered. Developments are on the double entry system, ventilated by a seven-foot Thayer fan which furnishes sufficient air which is properly distributed throughout the mine. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Haulways are kept clean, with sufficient room for workmen to pass the cars. The second opening meets the requirements. The powder and oil law is strictly enforced.

Not listed in the last printed report.

T. E. ROAN, Supt.

JOHN DUFOR, Mine Boss.

P. O., HAREWOOD, W. VA.

No. 237. *Sunday Creek Mine No. 115*.—This mine is located at Harewood on the main line of the K. & M. Railroad. It is a drift opening operating the No. 2 Gas Seam which has a thickness of five and a half feet. The roof is slate and very good and the mine properly timbered. Developments are on the double entry system, ventilated by a seven-foot Stine fan which furnishes sufficient air that is properly distributed throughout the mine. Cross cuts between entries and rooms are driven at the proper distances. Mine doors and stoppings in fair condition. Haulways are kept free of obstructions with sufficient room for workmen to pass the car. The mine is practically dry and some sections must be regularly watered to allay the dust. The powder and oil laws are strictly enforced.

Second opening in good condition. Safety lamps and stretchers on hand and rules posted as required by law.

This mine was reported last year as No. 115, No. 199 of the printed report.

T. E. ROAN, Supt.

WILLIAM NICHOLSON and
J. K. NELSON, Mine Bosses.

No. 238. *Sunday Creek Mine No. 117.*—This mine was abandoned during the forepart of the year. It was reported last year as No. 117, No. 200 of the printed report.

T. E. ROAN, Supt.

F. J. PATRICK, Mine Boss.

THE COLUMBUS IRON AND STEEL COMPANY.

P. O., MARTING, W. VA.

No. 239. *Columbus Mine No. 1.*—This mine is located four miles east of Cannelton on a branch line of the K. & M. Railroad. It is a drift opening operating the No. 2 Gas Seam which varies in thickness from 2½ to 4 feet. The roof is slate and generally good. The mine is well timbered. Developments are on the double entry system, ventilated by an eight-foot Thayer fan with good results. Cross cuts between entries and rooms are regularly driven. Mine doors in fair condition. On the main air-course the stoppings are constructed of stone laid in mortar which is a great improvement over the old style plank stoppings. A part of the mine is very dry but is kept thoroughly watered so there is no danger from accumulation of dust. The powder and oil laws are strictly enforced. The second opening is in good condition. Safety lamp and stretchers are kept at hand and rules are posted as required by law.

This mine was reported last year as No. 1, No. 201 of the printed report.

JOHN PHILLIPS, Supt.

FENTON CLENDENIN, Mine Boss.

KANAWHA GAS COAL COMPANY.

P. O., SMITHERS, W. VA.

No. 240. *Kanawha Gas Mine.*—This mine is located at Smithers on the K. & M. Railroad; it is a drift opening operating the No. 2 Gas Seam which has a thickness of five and a half feet. The roof is slate and very good and the mine properly timbered. The developments are on the double entry system, ventilated by a ten-foot Crawford and McCrimmon fan which furnishes air for the proper ventilation of the mine. Cross cuts between entries and rooms are regularly driven. Mine doors and stoppings in fair condition. Haulways are kept clear of obstructions with sufficient room for workmen to pass the cars. The mine is practically dry and dusty sections are regularly watered. The powder and oil laws are strictly enforced. The second opening is in good condition. Safety lamp and stretchers on hand and rules posted at the mine.

It was reported last year as Kanawha Gas Mine, No. 202 of the printed report.

T. A. BARTLAM, Supt.

JOHN TITLOW, Mine Boss.

W. R. JOHNSON AND COMPANY.

P. O., SMITHERS, W. VA.

No. 241. *Oakland Mine*.—This is a drift mine located at Smithers on the main line of the K. & M. Railroad, operating the No. 2 Gas Seam which has a thickness of five and a half feet. The roof is slate and generally good and the mine properly timbered. Developments are on the double entry system and ventilation is produced by a ten-foot Crawford and McCrimmon fan that furnishes sufficient air which is properly distributed throughout the mine. Cross cuts between entries and rooms are driven at the proper distances. Mine doors and stoppings in good condition. Haulways are kept clear of obstructions with sufficient room for workmen to pass the cars. The mine is practically dry. Dusty sections are regularly watered. Powder and oil laws are strictly enforced. The second opening is in good condition. Safety lamp and stretchers on hand and rules posted as required by law.

It was reported last year as Oakland Mine, No. 203 of the printed report.

T. A. BARTLAM, Supt.

BEN HILL, Mine Boss

BOOMER COAL AND COKE COMPANY.

P. O., BOOMER, W. VA.

No. 242. *Boomer Mine No. 1*.—This is a drift mine located at Boomer on a branch line to the K. & M. Railroad, operating the No. 2 Gas Seam which has a thickness of five and half feet. The roof is slate and very good and the mine well timbered. Developments are on the double entry system. Ventilation is produced by a twelve-foot Crawford and McCrimmon fan which furnishes 70,000 cu. ft. of air per minute which is properly distributed throughout the mine. Cross cuts are regularly driven. Mine doors and stoppings in fair condition. The haulways are kept clean, with ample room for workmen to pass the cars. The mine is very dry but has recently been equipped with a pipe line and hose for the purpose of watering and keeping the roadways and all dusty parts thoroughly wet. The powder law is strictly enforced at this mine. The second opening meets with the requirements of the law. Rules are posted; safety lamp and stretchers kept at hand.

It was reported last year as Boomer No. 1 Mine, No. 204 of the printed report.

W. M. GILLIE, Supt.

HENRY DEEM AND

WALTER CULBERTSON, Mine Bosses.

No. 243. *Boomer Mine No. 2 North*.—This is a drift mine, located near Boomer on a branch line to the K. & M. Railroad, operating the No. 1 Eagle Seam, which has a thickness of five and a half feet. The roof is slate and good with the exception of a draw slate which varies in thickness from five to eight inches and must be taken down to insure safety. The mine is developed on the double entry system and ventilated by a ten-foot Stine fan which does not furnish sufficient air for the

proper ventilation of the mine this being principally due to the fan being improperly installed. Cross cuts are regularly driven; mine doors are in good condition. Drainage fair. The powder and oil law strictly enforced. The second opening is in good condition. Safety lamp and stretchers on hand and rules posted as required by law.

It was reported last year as Boomer No. 2 North Mine, No. 205 of the printed report.

W. M. GILLIE, Supt.

SAMUEL MITCHELL AND
HENRY DEEM, Mine Bosses.

No. 244. *Boomer Mine No. 2 South.*—This is a drift mine, located near Boomer on a branch of the K. & M. Railroad, operating the No. 1 Eagle Seam, which has a thickness of five and a half feet with a slate roof having a draw slate which varies in thickness from four to eight inches and has to be taken down as it is of a dangerous character. The main roof is very good and requires but little timbering. The mine is developed on the double entry system and ventilated by a ten-foot Stine fan which does not furnish sufficient air for the proper ventilation of the mine, this being largely due to the fan being improperly installed. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Drainage fair. The powder and oil law is strictly enforced. The second opening meets with the requirements of law. Safety lamp and stretchers kept at hand; rules posted.

This mine was reported last year as Boomer No. 2 South Mine, No. 206 of the printed report.

W. M. GILLIE, Supt.

SAMUEL MITCHELL AND
HENRY DEEM, Mine Bosses.

No. 245. *Boomer Mine No. 3.*—This is a drift mine located near Boomer on a branch line to the K. & M. Railroad, operating the No. 2 Gas Seam which has a thickness of five and a half feet. The roof is slate and very good and requires but little timbering to insure safety. The developments are on the double entry system. Ventilation is produced by an eight-foot Stine fan that furnishes sufficient air which is properly distributed throughout the mine. Cross cuts between entries and rooms are regularly driven. Mine doors and stoppings in good condition. The haulways are kept clear from obstructions with ample room for workmen to pass the cars. The powder and oil laws are strictly enforced. Second opening in good condition. Safety lamp and stretchers kept on hand and rules posted as required by law.

This mine was reported last year as Boomer No. 3 Mine, No. 207 of the printed report.

W. M. GILLIE, Supt.

JOHN ELSWICK, Mine Boss.

GAULEY MOUNTAIN COAL COMPANY.

P. O., ANSTED, W. VA.

No. 246. *Nova Scotia or Gauley Mountain Mine.*—This is a drift mine located at Ansted on a branch line of the C. & O. Railway, operating the No. 2 Gas Seam of coal which varies in thickness from four to six feet.

The roof is slate and is very good in the rooms but bad on the entries. There are a large number of double entries from a tramroad laid along the crop of the coal. There is one fan in operation but the principal part of the developments are ventilated by temporary furnaces which do not furnish sufficient air for the proper ventilation of the headings. The superintendent's attention was called to the deficiency in the ventilation with the recommendation that the headings be connected and two additional fans installed that the system of ventilation may be placed in condition to comply with the law. Cross cuts between rooms are badly neglected; mine doors and stoppings in fair condition; drainage fair. The law regarding powder and oil is fairly observed. The second opening meets with the requirements. Rules are posted; safety lamp and stretchers kept at hand.

This mine was reported last year as Gauley Mountain Mine, No. 208 of the printed report.

R. C. TAYLOR, Supt.

JAMES A. MARTIN, Mine Boss.

CROFT AND EVANS.

P. O., ANSTED, W. VA.

No. 247. *Pine Top Mine.*—This is a drift mine located near Ansted on a branch of the C. & O. Railway, operating the No. 2 Gas Seam of coal which varies in thickness from four to five and a half feet. The roof is slate and generally good. Drainage fair. Ventilation is by natural causes and gives poor results. This is an old mine and the work is principally drawing pillars. The product of the mine is loaded over the tipple of the Gauley Mountain Mine. But few men are employed in this mine and it will soon be finished.

This mine was not listed last year.

W. H. EVANS AND

ARTHUR HUDSON, Mine Boss.

A. T. MASSEY, Supts.

MOSELEY AND WALKER.

P. O., CLIFF TOP, W. VA.

Nos. 248, 249 and 250. *Cliff Top Mines Nos. 1, 2 and 3.*—These are drift mines located at Cliff Top on a narrow gauge road, nine miles from Sewell Station. Mines Nos. 1 and 3 were formerly operated by the Longdale Iron Company, and, after lying idle for three years, resumed operation September 1, 1906, under the management of Moseley and Walker who also opened a new mine—No. 2. The Sewell Seam is operated at the mines with a thickness varying from two and a half to three and a half feet.

Mine No. 1.—This is an old mine all of the solid work having been finished and only a small number of persons is employed drawing entry pillars. Ventilation is by natural means and is sufficient for the number of persons employed. The roof is slate and generally good. The miners are well supplied with timber and the working places properly timbered. The powder and oil law was violated to some extent. The second opening

meets with the requirements. No rules are posted; no safety lamp or stretchers kept at hand.

Mine No. 2.—This is a new mine operated on the double entry system. Ventilation is produced by an eight-foot Thayer fan which gives good results. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings in good condition. As yet developments are small and no permanent system of drainage has been installed.

Mine No. 3.—This mine is operated on the double and single entry system. Ventilation is produced by a temporary furnace which furnishes sufficient air for the number of persons employed. The roof is slate and good; drainage good. Mine doors and stoppings in fair condition. Second opening meets with the requirements. No rules posted; no safety lamp or stretchers kept on hand.

H. A. MOSELEY, Supt.

W. L. HERNDON, Mine Boss.

GAYMONT COLLIERY COMPANY.

P. O., ELMO, W. VA.

No. 251. *Gaymont Mine.*—This mine is located on the main line of the C. & O. Railway, one mile east of Hawks Nest. It is a drift opening operating the Sewell Seam which has a thickness of three feet with a slate roof which is very good. The developments are on the double and single entry system ventilated by a twelve foot fan, which furnishes sufficient air for the ventilation of the mine when properly distributed, but the air was found to be deficient in some sections this being due to defective mine doors and stoppings. A slight quantity of explosive gas was found at the face of No. 1 Pollick heading in the No. 2 opening at which point the ventilation was very weak with no special arrangement for removing the gas. The mine boss frankly acknowledged that he was inexperienced in handling a safety lamp or explosive gases. A letter was addressed to the management asking that a competent mine boss be placed in charge of this mine. A reply from the management stated that the recommendation had been complied with. The powder and oil law is well observed. The second opening meets with the requirements. Safety lamp and stretchers on hand but no rules posted.

This mine was reported last year as Gaymont Mine, No. 209 of the printed report.

C. W. ROGERS AND

EDWARD SIMS AND

J. H. DEMPSEY, Supts.

THOS. TOLER, Mine Bosses.

BEURY-NEW RIVER COAL COMPANY.

P. O., ELMO, W. VA.

No. 252. *Elmo Mine.*—This is a drift mine located at Elmo on the main line of the C. & O. Railway, two miles west of Fayette Station, operating the Sewell Seam of coal which has a thickness of three feet. The roof is slate and generally good and the mine properly timbered. Drainage poor. The mine is developed on the double entry system and ventilation is produced by an eight-foot Thayer fan which furnishes sufficient air

when properly distributed. Ventilation was found to be fairly good on the entries but deficient in the rooms. Cross cuts between rooms are neglected to some extent. The powder and oil law is fairly observed. The second opening was not in an available condition. The management was notified not to allow more than twenty persons to work in this mine at any one time until the second opening was placed in condition to meet the requirements of law. No rules were posted at the mine.

This mine was reported last year as Elmo Mine, No. 210 of the printed report.

C. W. ROGERS AND
J. H. DEMPSEY, Supts.

FRANK KERNS AND
B. F. DORSEY, Mine Bosses.

SUNBEURY COAL AND COKE COMPANY.

P. O., ELMO, W. VA.

No. 253. *Sunnyside Mine*.—This is a drift mine located at Sunnyside on the main line of the C. & O. Railway, three miles west of Fayette Station, operating the Sewell Seam of coal which has a thickness of three feet. The roof is slate and very good and the mine properly timbered. Some sections of the mine are very wet; system of drainage poor. The developments are on the double entry system. Ventilation is produced by a seven-foot fan which furnishes sufficient air for the present development. Cross cuts between entries regularly driven but neglected to some extent in the rooms. Second opening in fair condition only. Safety lamp and stretchers on hand but no rules posted at the mine. This mine was idle from May 7, 1906, to April 22, 1907. During this time a new tippie was constructed; incline relaid with heavy steel rails equipped with seven-ton monitors. A new bin was constructed at the head of the incline, with a capacity of four hundred and fifty tons.

This mine was reported last year as Sunnyside Mine, No. 211 of the printed report.

C. W. ROGERS AND
J. H. DEMPSEY, Supts.

C. E. MORRIS AND
R. J. MORTON, Mine Bosses.

BIG BEND COAL COMPANY.

P. O., DIMMOCK, W. VA.

No. 254. *Big Bend or Dimmock Mine*.—This is a drift mine located on the C. & O. Railway one mile west of Thurmond on the north side of New River, operating the Fire Creek Seam which varies in thickness from three to four and one half feet. The roof is slate and good. The mine is developed principally on the single entry system and depends on natural causes for ventilation with very poor results. Drainage poor. This is a very old mine and operated on a cheap scale, especially in regard to ventilation. Owing to the improper development of this mine it would be very expensive to install a perfect system of ventilation. The second opening is in good condition. No rules are posted; no safety lamp or stretchers on hand as required by law.

This mine was reported last year as Big Bend Mine, No. 212 of the printed report.

JOHN H. DEMPSEY, Supt.

O. C. WISEMAN, Mine Boss.

MICHIGAN COAL COMPANY.

P. O., FAYETTE, W. VA.

No. 255. *Michigan Mine*.—This is a drift mine located on the C. & O. Railway one and a half miles west of Fayette Station and operates the Sewell Seam of coal which has a thickness of three feet. The roof is slate and very good and the mine properly timbered. The mine is developed on the double entry system and ventilated by a furnace which fails to furnish sufficient air for the proper ventilation of the mine. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings not properly constructed. Drainage good. The law relative to powder and oil is fully observed. Second opening in good condition. The superintendent's attention was called to the deficiency in the ventilation and he was instructed to install a system of ventilation that would meet with the requirements of the law. Deficiencies are: no rules posted; no safety lamp on hand as required by law.

This mine was reported last year as Michigan Mine, No. 213 of the printed report.

J. D. BOONE, Supt.

E. E. SIMS, Mine Boss.

THE FAYETTE COAL AND COKE COMPANY.

P. O., FAYETTE, W. VA.

No. 256. *Fayette Mine*.—This is a drift mine located on the main line of the C. & O. Railway, at Fayette Station. The Sewell Seam coal is operated and varies in thickness from three to three and a half feet. The roof is slate and very good, and the mine properly timbered. The developments are on the double entry system. Ventilation is produced by a large furnace with very poor results this being due to a section of the return airway being practically closed by reason of a squeeze. A new heading was being driven for a return airway and when completed this will give a good system of ventilation. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Haulways were wet and muddy with a very poor system of drainage. The oil and powder law is complied with. The second opening is in good condition. Safety lamp and stretchers on hand but no rules posted.

This mine was reported last year as Fayette Mine, No. 214 of the printed report.

E. G. BLUME, Supt.

L. D. RHODES, Mine Boss.

MANUFACTURERS AND CONSUMERS COAL COMPANY.

P. O., FAYETTE, W. VA.

No. 257. *Newlyn Mine*.—This is a drift mine located on the main line of the C. & O. Railway one mile west of Fayette Station, operating the

Sewell Seam of coal which varies in thickness from three to three and a half feet. The roof is slate and very good, and the mine properly timbered. The developments are on the double entry system. Ventilation is produced by an eight-foot Thayer fan which gives satisfactory results. Cross cuts are regularly driven; mine doors and stoppings in fair condition. The mine is generally damp; drainage only fair. The powder and oil law is well observed. The second opening is in good condition; rules posted; and safety lamp and stretchers on hand as required by law.

This mine was reported last year as Newlyn Mine, No. 215 of the printed report.

P. H. HENRY, Supt.

JAMES W. SIMS, Mine Boss.

NUTTALLBURG COAL AND COKE COMPANY.

P. O., NUTTALLBURG, W. VA.

No. 258. *Nuttallburg Mine*.—This is a drift mine located at Nuttallburg on the main line of the C. & O. Railway, two miles east of Fayette Station, operating the Sewell Seam of coal which varies in thickness from three and a half to four and a half ft. The roof is slate and very good and the mine properly timbered. The mine is practically dry; Drainage good. Developments are on the double entry system. Ventilation is produced by an eighteen-foot Crawford and McCrimmon fan which furnishes sufficient air for the proper ventilation of the mine. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings in fair condition. The oil and powder law is well observed. The second opening is in good condition. Safety lamp and stretchers on hand, but no rules posted.

This mine was reported last year as Nuttallburg Mine, No. 216 of the printed report.

L. C. BIERNE, Supt.

J. G. EDWARDS, Mine Boss.

No. 259. *Keeneys Creek Mine*.—This mine is located on the main line of the C. & O. Railway ten miles west of Thurmond. It is a drift opening operating the Sewell Seam, which varies in thickness from three to three and a half feet with a slate roof which is generally good; the mine is well timbered. Ventilation in part is natural assisted by a fan at the Nuttallburg Mine. This is a very old mine and but few persons are employed. The principal part of the work is drawing pillars. The powder and oil law is well observed. Second opening in good condition; safety lamp and stretchers kept on hand but no rules posted.

This mine was reported last year as Keeneys Creek Mine, No. 217 of the printed report.

L. C. BIERNE, Supt.

C. W. JONES, Mine Boss.

BALLINGER COAL COMPANY.

P. O., NUTTALLBURG, W. VA.

No. 260. *Ballinger Mine No. 1*.—This is a drift mine located on Keeneys Creek on a branch of the C. & O. Railway, operating the Sewell Seam

of coal which varies in thickness from three to four feet with a slate roof which is fairly good and the mine properly timbered. The mine is developed on the double entry system. Ventilation is produced by means of a fan that has recently been installed and gives satisfactory results. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Some sections of the mine are very wet; drainage poor. The oil and powder law is well observed. The second opening is in good condition. Safety lamp and stretchers on hand but no rules posted.

This mine was reported last year as Ballinger No. 1 Mine, No. 219 of the printed report.

GEORGE HOLLAND, Supt.

JOHN OHLINGER, Mine Boss.

No. 261. *Ballinger No. 2.*—This mine was only in operation part of the time during the past year and then only employed four men inside.

Reported last year as Ballinger No. 2 Mine, No. 220 of the printed report.

GEORGE HOLLAND, Supt.

FRED OHLINGER, Mine Boss.

BLUME COAL AND COKE COMPANY.

P. O., LOOKOUT, W. VA.

No. 262. *Blume Mine.*—This is a drift mine located on Keeneys Creek on a branch of the C. & O. Railway, operating the Sewell Seam which has a thickness of three and a half feet. The roof is slate and sand stone and generally good throughout and the mine properly timbered. The developments are on the single and double entry system, ventilated by a ten-foot Thayer fan, but the air is not properly distributed in the working places this being due to improperly constructed mine doors and stoppings. Cross cuts are regularly driven. Drainage good. Haulways in good condition. Powder and oil law is well observed. The second opening meets with the requirements of law. The company has built a powder house at the mine where the miners can store their powder. Rules are posted; safety lamp and stretchers kept at hand as required by law.

This mine was reported last year as Blume Mine, No. 221 of the printed report.

D. W. BOONE, Supt.

THOMAS STEAD, Mine Boss.

LOOKOUT COAL AND COKE COMPANY.

P. O., LOOKOUT, W. VA.

No. 263. *Lookout Mine.*—This mine is located on Keeneys Creek on a branch of the C. & O. Railway. It is a drift mine operating the Sewell Seam, which has a thickness of three feet with a sand stone roof which is very good. The mine is developed on the double entry system. Ventilation is produced by a temporary furnace and sufficient air is furnished for the present development. This is a new mine and as yet no perman-

ent system of ventilation or drainage has been installed. The second opening meets with the requirements of law.

This mine was not reported last year.

D. W. BOONE, Supt.

THOMAS STEAD, Mine Boss.

KEENEYS CREEK COLLIERY COMPANY.

P. O., WINONA, W. VA.

No. 264. *Smokeless Mine.*—This is a drift mine, located on Keeneys Creek on a branch of the C. & O. Railway, operating the Sewell Seam which has a thickness of four feet. The roof is slate and good and the mine well timbered. Developments are on the double entry system and ventilation is produced by an eight-foot Thayer fan which furnishes sufficient air for the proper ventilation of the mine. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Some sections of the mine are wet; system of drainage poor. Powder and oil law is complied with. Second opening meets with the requirements of law. Safety lamp and stretchers are kept at hand, but no rules are posted at the mine.

This mine was reported last year as Smokeless Mine, No. 222 of the printed report.

LEE LONG, Supt.

W. A. OTEY, Mine Boss.

P. O., BOONE, W. VA.

No. 265. *Boone Mine.*—This is a drift located on Keeneys Creek on a branch of the C. & O. Railway, operating the Sewell Seam which varies in thickness from three to four feet. The roof is slate and generally good and the mine properly timbered. The mine is developed on the double entry system and ventilated by natural causes which give very poor results as the air was found to be very deficient on the main heading. The superintendent's attention was called to the deficiency in ventilation and he was instructed to install a fan, and employ a competent mine boss, who would understand the necessity of having the mine doors and stoppings properly constructed. The second opening in good condition. This mine was formerly operated by the Boone Coal & Coke Company but on April 1, 1907, the management passed into the hands of the Keeneys Creek Colliery Company.

This mine was reported last year as Boone Mine, No. 218 of the printed report.

W. F. BOONE AND

P. A. OHLINGER, Mine Boss.

LEE LONG, Supts.

ROTHWELL COAL COMPANY.

P. O., DUBREE, W. VA.

No. 266. *Dubree Mine.*—This mine is located at Keeneys Creek on a branch of the C. & O. Railway. It is a drift opening operating the Sewell Seam which varies in thickness from three to four and a half feet with

a slate and sand stone roof which is very good and the mine well timbered. Haulways in fair condition. Drainage fair. The mine is developed on the double entry system and ventilated by a Crawford and McCrimmon fan, which furnishes sufficient air for the proper ventilation of the mine. Cross cuts are regularly driven; mine doors and stoppings in fair condition. The powder and oil law is well observed. The second opening is a shaft sixty feet in depth equipped with a temporary ladder. Rules are posted at the mine; safety lamp and stretchers at hand as required by law.

This mine was reported last year as Dubree Mine, No. 223 of the printed report.

H. H. ROTHWELL, Supt.

CHARLES HIGGINS AND
JOHN CAREY, Mine Bosses.

PENNSYLVANIA AND NEW RIVER COAL COMPANY.

P. O., PENNBROOKE, W. VA.

No. 267. *Kohinoor Mine.*—This is a drift mine located five miles west of Thurmond on the C. & O. Railway, operating the Fire Creek Seam of coal which varies in thickness from three to four feet. Developments are on the double entry system. Ventilation is produced by a sixteen-foot Pollock fan which at slow speed furnishes 35,885 cu. ft. of air per minute, which is fairly well distributed to the working places. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Drainage fair. Powder and oil law is well observed. Second opening in good condition. No rules posted; no safety lamp or stretchers on hand as required by law.

This mine was reported last year as Kohinoor Mine, No. 224 of the printed report.

MIKE BLYTHE, Supt.

ANDREW EASTON, Mine Boss.

FIRE CREEK COAL AND COKE COMPANY.

P. O., FIRE CREEK, W. VA.

No. 268. *Fire Creek Mine.*—This mine is located at Fire Creek on the main line of the C. & O. Railroad. It is a drift opening operating the Fire Creek seam of coal which varies in thickness from 3 1-2 to 4 feet. The roof is slate and generally good and the mine well timbered. The development is principally on the single entry system. Ventilation is by natural causes and fails to meet the requirements of law. Mine doors and stoppings in fair condition. Owing to the irregularity of the seam it is a hard matter to keep this mine in condition to comply with the law. The law regarding powder and oil is well observed. Second opening in good condition. The main heading has been driven through the mountain to Buffalo Creek where a new opening is being made. Safety lamp and stretchers on hand, but no rules posted.

This mine was reported last year as Fire Creek Mine, No. 225 of the printed report.

H. L. ATKINSON, Supt.

ZEB ARRINGTON, Mine Boss.

BEURY BROTHERS COAL AND COKE COMPANY.

P. O., BEURY, W. VA.

No. 269. *Echo Mine*.—This mine is located three miles west of Thurmond on the main line of the C. & O. Railway. It is a drift mine operating the Fire Creek Seam of coal which varies in thickness from three to four and half feet. The roof is slate and good, and the mine properly timbered. The mine is practically dry; drainage good. The ventilation, produced by natural causes is inadequate as the air is found to be very deficient in some parts of the mine, especially on the third and fourth left room headings which are driven on the single entry system, three hundred feet apart, depending on room connections for air-ways. The law relative to powder and oil is well observed. This mine is connected on the inside with Beechwood, Stone Cliff and Central mines. No rules are posted but safety lamp and stretchers are kept on hand.

This mine was reported last year as Echo Mine, No. 226 of the printed report.

H. B. BEURY Supt.

FRED LIGHT AND

PETER WOLF, Mine Bosses.

GAMOCA COAL COMPANY.

P. O., GAMOCA, W. VA.

No. 270. *Gamoca Gas Mine No. 2*.—This is a drift mine located 2 miles north of Gauley Bridge on a branch line of the C. & O. Railway, operating the No. 2 Gas Seam which has a thickness of three and a half feet. The roof is slate and very good and the mine properly timbered. Developments are on the double entry system ventilated by means of a small furnace, which does not furnish sufficient air to meet with the requirements of the mine law. Cross cuts are regularly driven; mine doors and stoppings in bad condition. The mine is practically dry but not dusty to the extent of being dangerous. The oil and powder law is well observed. Second opening in good condition. Safety lamp and stretchers on hand and rules posted as required by law.

This mine was reported last year as No. 2 Gas Mine, No. 227 of the printed report.

J. M. CAMPBELL, Supt.

W. H. THOMPSON, Mine Boss.

No. 271. *Gamoca Mine No. 5 Splint*.—This is a drift mine located two miles north of Gauley Bridge on a branch of the C. & O. Railroad, operating the No. 5 Seam which has a thickness of five and a half feet. The roof is slate and generally good and the mine properly timbered. The developments are on the double entry system. Ventilation is produced by a ten-foot Crawford and McCrimmon fan which furnishes sufficient air for the proper ventilation of the mine. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Haulways in a wet slopy condition with practically no system of drainage. Powder and oil law is strictly enforced. The second opening in good condition. Rules are posted; safety lamp and stretchers on hand as required by law.

This mine was reported last year as No. 5 Splint Mine, No. 228 of the printed report.

J. M. CAMPBELL, Supt.

W. H. THOMPSON, Mine Boss.

DEITZ COLLIERY COMPANY.

P. O., WYNDAL, W. VA.

No. 272. *Deitz Mine No. 2.*—This is a drift mine located on a branch of the C. & O. Railway three miles north of Gauley Bridge. It operates the No. 2 Gas Seam which has a thickness of three and a half feet. The roof is slate and very good and the mine properly timbered. Developments are on the double entry system ventilated by means of a furnace with fair results. Cross cuts are regularly driven; mine doors and stoppings in fair condition. The mine is practically dry; drainage fair. The oil and powder law is well observed. The second opening meets with the requirements. Rules are posted; safety lamp and stretchers kept on hand as required by law.

This mine was reported last year as No. 2 Gas, No. 229 of the printed report.

T. A. DEITZ, Supt.

L. D. MORAN, Mine Boss.

No. 273. *Deitz Mine No. 5.*—This is a drift mine located three miles north of Gauley Bridge on a branch of the C. & O. Railway. It operates the No. 5 Seam of coal which has a thickness of five and a half feet. The roof is slate and very good and the mine properly timbered. Ventilation is produced by a furnace which furnishes sufficient air for the proper ventilation of the mine. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Drainage good. Haulways in good condition with ample room for workmen to pass the cars. The powder and oil law is strictly enforced. The second opening in good condition.

This mine was reported last year as No. 5 Mine, No. 230 of the printed report.

T. A. DEITZ, Supt.

L. D. MORAN, Mine Boss.

LYNCHBURG COLLIERY COMPANY.

P. O., VANETTA, W. VA.

No. 274. *Lynchburg Mine.*—This is a drift mine located about one mile north of Gauley Bridge on a branch of the C. & O. Railway, operating the No. 2 Gas Seam having a thickness of four feet. The roof is slate and very good and the mine properly timbered. Developments are on the double entry system ventilated by natural means, but the air is not sufficient for the proper ventilation of the mine, this being principally due to the bad condition of mine doors and stoppings. The mine is practically dry but there are no dangerous accumulations of dust. The powder and oil law is strictly enforced. The second opening is in good condition. Rules are posted; safety lamp and stretchers on hand as required by law.

This mine was reported last year as Lynchburg Mine, No. 231 of the printed report.

T. A. DEITZ, Supt.

J. C. GRISSINGER, Mine Boss.

KANAWHA COUNTY.

FALLING ROCK CANNEL COAL COMPANY.

P. O., WEIR, W., VA.

No. 370. *Jones Nos. 1 and 2 Mines.*—This is a drift mine located five miles east of Falling Rock on a narrow gauge road to the Coal and Coke Railroad, and operates the Cannel Coal Seam which varies in thickness from twenty-four to thirty-six inches. The roof is sandstone and slate and is generally good throughout the mine; timbering good. Drainage fair. Developments are on the double entry system and ventilation is produced by a twelve-foot fan which furnishes sufficient air for the proper ventilation of the mine. Mine doors and stoppings in fair condition. The second opening meets with the requirements of law. This mine was visited twice during the year but no regular inspection was made as the mine was found to be idle.

This mine was reported last year as Jones Mine, No. 332 of the printed report. No. 2 is a new mine opened up during the year.

H. G. YOUNG AND

R. B. YOUNG, Mine Boss.

E. E. YOUNG, Supts.

THE GRAHAM COAL COMPANY.

P. O., GRAHAM MINES, W. VA.

No. 371. *Graham Mine.*—This mine is located at Mason eight miles north of Charleston on the Coal & Coke Railroad. This is a drift mine operating the North Coalburg Seam which has a thickness of six feet, with a slate roof which is generally good. The developments are on the double entry system ventilated by a furnace with only fair results. Some sections of the mine are very wet; system of drainage not good. Mine doors and stoppings in fair condition only. During the year the compressed air plant was removed from the mine, since which time the coal is principally blasted from the solid. Only a few men were employed in this mine and the second opening was found to be in bad condition. No rules are posted at the mine; no safety lamp or stretchers kept on hand. In fact, the company gives but very little attention to the development of this mine.

This mine was reported last year as Graham Mine, No. 333 of the printed report.

O. M. DOOLITTLE, Supt.

N. C. POSTON, Mine Boss.

THE ELK COAL COMPANY.

P. O., QUEEN SHOALS, W. VA.

No. 372. *Queen Shoals Mine.*—This is a drift mine located at Queen Shoals on the main line of the Coal & Coke Railroad twenty-four miles north of Charleston. The No. 5 Seam of coal is operated and varies in thickness from three and a half to five feet. The roof is sand stone and slate and very good. The mine is properly timbered. Developments are

on the double entry system. Ventilation is produced by a furnace which furnishes sufficient air for the number of persons employed. Cross cuts regularly driven; mine doors and stoppings in fair condition; drainage fair. The second opening meets the requirements of law but no rules are posted nor safety lamp or stretchers at hand.

This mine was reported last year as Queen Shoals Mine, No. 334 of the printed report.

HENRY DAVIS, Supt.

G. P. POWERS, Mine Boss.

P. O., HEATHERMAN, W. VA.

No. 373. *Turner or Morris Creek Mine No. 2.*—This is a drift mine located one mile east of Turner on a branch line of the Coal & Coke Railroad and operates the No. 5 Seam of coal which varies in thickness from three to four and a half feet. The roof is slate and sand stone which is very good and the mine is properly timbered. Drainage fair. Developments are on the double entry system. Ventilation is produced by a ten-foot Thayer fan with good results. Cross cuts between entries and rooms are driven at the proper distance. Oil used for illuminating purposes is of a fair quality. The second opening in good condition; rules are posted; safety lamp and stretchers on hand.

This mine was reported last year as Turner Mine, No. 335 of the printed report.

HENRY DAVIS, Supt.

W. D. DAVIS, Mine Boss.

LUCAS RAY COAL COMPANY.

P. O., HEATHERMAN, W. VA.

No. 374. *Lucas Ray Mine.*—This is a drift mine located two miles east of Turner on a branch line of the Coal & Coke Railroad, operating the No. 5 Seam of coal which has a thickness of three feet. The roof is slate and generally good. The mine is developed on the double entry system and ventilated by a furnace with poor results. Cross cuts are neglected to some extent. System of drainage poor. This mine has been developed but very little during the past year. The second opening is in fair condition. No rules are posted at the mine; no safety lamp or stretchers at hand.

This mine was reported last year as Lucas Ray Mine, No. 336 of the printed report.

SAMUEL SIMPKINS, Supt.

JAMES LUCAS, Mine Boss.

JEFFERSON COAL AND COKE COMPANY.

No. 375 *Heatherman Mine.*—This mine was abandoned November 30, 1906.

C. W. JONES, Supt.

C. A. WORDEN, Mine Boss.

PEN MAR MINING COMPANY.

P. O., GRAHAM MINES, W. VA.

No. 376. *Pen Mar Mine.*—This is a drift mine located eight miles north of Charleston on the Coal & Coke Railroad. The North Coalburg Seam

is operated and has a thickness of five and a half feet. The roof is slate and generally good. This mine is not developed on any regular system, depending on natural means for ventilation which gives very poor results, as no substantial arrangements are made for the distribution of air. Some sections of the mine are very wet; drainage poor. The second opening does not meet with the requirements of the law. This mine was formerly operated by the Pen Mar Mining Company but by order of the court, several months ago, the property was placed in the hand of a receiver, who gives but little attention to the development of the mine, which is operated on the cheapest possible scale, not having more than a dozen men employed in and about the mine.

This mine was reported last year as Pen Mar No. 1 Mine, No. 338 of the printed report.

JACOB HOUSHOLDER, Supt.

JACOB HOUSHOLDER, Mine Boss.

KANAWHA-ELK COAL COMPANY.

No. 377. *Peacock Mine*.—This mine worked very little during the year and was abandoned on April 1, 1907, for reason of the company's inability to get railroad cars.

J. G. VAUGHAN, Supt.

J. H. VAUGHAN, Mine Boss.

CLENDENIN MINING COMPANY.

No. 378. *Taggart Mine*.—This mine was idle practically the entire year.

No officials.

CLAY COAL COMPANY.

P. O., BARREN CREEK, W. VA.

No. 379. *Gaghan or White Ash Mine*.—This is a drift mine located twenty-six miles north of Charleston on the west side of Elk River and operates the No. 5 Seam of coal which has a thickness of four feet. The roof is slate and generally good. The developments are on the double entry system and ventilation is produced by a furnace which furnishes sufficient air for the number of persons employed. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings in good condition; drainage fair. The second opening meets with the requirements. The deficiencies are: no rules posted, no safety lamp or stretchers on hand as required by law.

This mine was reported last year as Gaghan Mine, No. 342 of the printed report.

GEORGE GAGHAN, Supt.

WILLIAM WOODRUM, Mine Boss.

MILL CREEK CANNEL COAL COMPANY.

P. O., VILLA, W. VA.

No. 380. *Mill Creek Mine*.—This is a drift mine located on Mill Creek on a narrow gauge road four and a half miles from the main line of the

Coal & Coke Railroad. The Cannel Coal Seam is operated and varies in thickness from three to four and a half feet. The roof is slate and is only fairly good. The miners are well supplied with timber and, as a rule, the working places are properly timbered. The mine is developed on the double entry system and ventilated by a twelve-foot fan which furnishes sufficient air for the ventilation of the mine when properly distributed. Cross cuts are not regularly driven owing to the depressions in this seam of coal which makes it impracticable as it would incur great expense to drive them at proper distances. Mine doors and stoppings in fair condition; drainage fair. The second opening meets with the requirements. No rules are posted, no safety lamp or stretchers on hand as required by law.

This mine was reported last year as Mill Creek Mine, No. 343 of the printed report.

L. H. KIRBY, Supt.

H. W. MATHENY AND

GEO. DOOLEY, Mine Bosses.

BLUE CREEK COAL AND LAND COMPANY.

P. O., POND GAP, W. VA.

No. 381. *Wills Hollow Mines Nos. 1 and 2.*—These mines are located on Blue Creek on the Kanawha & West Virginia Railroad. They are drift openings operating the No. 5 Seam varying in thickness from four to five feet with a slate roof which is generally good. The mine is properly timbered. The developments are on the double entry system ventilated by a temporary furnace which does not furnish sufficient air to meet with the requirements of the law. Cross cuts between entries and rooms are driven at the proper distance. Mine doors and stoppings in good condition. The main haulways are kept clean with ample room for workmen to pass the cars. Drainage fair. The second openings are in a good condition. Safety lamp and stretchers on hand and rules posted. Machinery was on the ground and preparations being made to install an electric plant. When this is completed electric mining machines and fans will be installed at the mines operated by this company.

These mines were reported last year as Wills Hollow Nos. 1 and 2, Nos. 371 and 372 of the printed report.

JOSEPH S. MILLER, Supt.

JOHN ELSWICK, Mine Boss.

No. 382. *Blakeley No. 3 Mine.*—This mine is located on Blue Creek on the Kanawha & West Virginia Railroad. It is a drift opening operating the No. 5 Seam which varies in thickness from four to five feet. The roof is slate and good and the mine properly timbered. Developments are on the double entry system, ventilated by a temporary furnace which does not furnish sufficient air for the proper ventilation of the mine. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Drainage fair. Powder and oil law strictly enforced. The second opening meets with the requirements of law. Safety lamp and stretchers on hand and rules posted.

This mine was reported last year as Pond Fork No. 3' Mine, No. 373 of the printed report.

JOSEPH S. MILLER, Supt.

ROBERT MILLER, Mine Boss.

No. 383. *No. 4 Mine.*—Is in the Lewiston Seam, but was not in operation during the year.

This mine was reported last year as Pond Fork No. 4 Mine, No. 374 of the printed report.

JOSEPH S. MILLER, Supt.

COLUMBIA COAL MINING COMPANY.

No. 384. *Shrader Nos. 1 and 2 Mines.*—These mines were only operated a short time during the forepart of the year.

Reported last year as Shrader Nos. 1 and 2 Mines, Nos. 368 and 369 of the printed report.

W. F. HARVEY, Supt.

No. 385. *Shrader No. 3 Mine.*—This mine was idle during the entire year.

W. F. HARVEY, Supt.

RODERICK COAL COMPANY.

P. O., QUICK, W. VA.

No. 386. *Roderick Mine.*—This is a new mine located on the Kanawha & West Virginia Railroad seventeen miles from the mouth of Blue Creek and operating the No. 5 Seam of coal which has a thickness of four and a half feet. The roof is slate and very good. The mine is developed on the double entry system and ventilated by a temporary furnace which furnishes sufficient air for the present development. The second opening meets with the requirements. No rules are posted; no safety lamp or stretchers at hand as required by law. Machinery was on the ground and preparations were made to install an electric plant.

G. H. P. SPRUCE, Supt.

D. D. WILLIAMS, Mine Boss.

CAMPBELLS CREEK COAL COMPANY.

P. O., DANA, W. VA.

No. 387. *No. 2 or Calderwood Mine.*—This is a drift mine located on the Campbells Creek Railroad one mile east of Dana, operating the Campbells Creek Seam of coal which has a thickness of five feet. The roof is slate of a dangerous character and requires careful attention to insure safety. The miners are well supplied with timber for propping and the mine is properly timbered. Ventilation is produced by an eight-foot Thayer fan which gives only fair results which is due to the fact that principally all of the work is drawing pillars which cause heavy falls of slate that obstruct the airways and allow the black damp to escape from the old workings to the extent that it was found necessary to operate the fan day and night to keep the mine in condition for the men to work.

Some sections of the mine are very wet and the system of drainage poor. The second opening in fair condition. No rules are posted at the mine.

This mine was reported last year as Calderwood Mine, No. 344 of the printed report.

W. V. RENSFORD, Supt.

JEFF ATKINS, Mine Boss.

P. O., PUTNEY, W. VA.

No. 388. *Putney Mine No. 1.*—This mine is located at Putney on the Campbells Creek Railroad, fourteen miles east of Dana. It is a drift mine operating the No. 5 Seam of coal which varies in thickness from four and a half to five and a half feet. The roof is slate and generally good and the mine properly timbered. Developments are on the double entry system ventilated by a ten-foot Thayer fan which gives good results. Cross cuts between entries and rooms are driven at the proper distances. Mine doors and stoppings in fair condition. Drainage good. All powder is taken into the mine in cans of 5 pounds capacity. The employes were using an oil for illuminating purposes, furnished them by the company, which was of a very inferior quality. The superintendent's attention was called to this matter and he gave the assurance that in the future the men would be supplied with oil that would meet the requirements of law. The second opening was in good condition. Rules posted at the mine; safety lamp and stretchers kept on hand.

This mine was reported last year as Putney No. 1 Mine, No. 345 of the printed report.

W. V. RENSFORD, Supt.

J. C. SMITH, Mine Boss.

No. 389. *Putney Mine No. 3.*—This mine is located at Putney and operated in connection with the Putney Mine No. 1. It is a drift, operating the No. 5 Seam of coal which varies in thickness from four and a half to five and half feet with a slate roof which is generally good. The mine is properly timbered. Developments are on the double entry system ventilated by a temporary furnace which does not furnish sufficient air to meet with the requirements of the law. Cross cuts between rooms are neglected to some extent; mine doors and stoppings in fair condition. The second opening meets with the requirements.

This mine was reported last year as Putney No. 2 Mine, No. 346 of the printed report.

W. V. RENSFORD, Supt.

J. C. SMITH, Mine Boss.

KANAWHA BLOCK COAL COMPANY.

No. 390. *Belle Mine.*—This mine did very little during the year and was abandoned February, 1907.

Reported last year as Belle Mine, No. 348 of the printed report.

J. B. RAMAGE, Supt.

P. J. YOUNG, Mine Boss.

QUINCY COAL COMPANY.

P. O., QUINCY, W. VA.

No. 391. *Quincy Mine No. 1.*—This mine is located one mile east of Dickinson on a branch line of the K. & M Railroad. It is a drift opening

operating the Lewiston Seam which has a thickness of three and a half feet. The roof is slate and good and properly timbered. Developments are on the double entry system ventilated by a five-foot Thayer fan which furnishes sufficient air for the proper ventilation of the mine when properly distributed. In some sections the air was deficient due to neglect to drive the cross cuts at proper distances. Mine doors and stoppings in fair condition. The mine is practically dry. Powder and oil law is well observed. The second opening meets with all the requirements of the law. No rules are posted; no safety lamp or stretchers on hand.

This mine was reported last year as Quincy No. 1 Mine, No. 350 of the printed report.

WILLIAM DICKINSON, Supt.

I. C. MORRIS, Mine Boss.

No. 392. *Quincy Mine No. 2*.—This mine is located one mile east of Dickinson on a branch line to the K. & M. Railroad. It is a drift opening operating the No. 5 Seam which has a thickness of five and one-half feet. The roof is slate and good. The developments are on the double entry system. Ventilation is produced by a temporary furnace which does not furnish sufficient air for the proper ventilation of the mine. Mine doors and stoppings in fair condition; drainage very poor. The second opening does not meet with the requirements of the law. The superintendent was notified of the deficiency in the ventilation, and a written notice was served not to employ more than twenty persons at any one time until the second opening was placed in condition to comply with the law. No rules posted; no safety lamp or stretchers on hand. This mine was reported last year as Quincy No. 2 mine, No. 351 of the printed report.

WILLIAM DICKINSON, Supt.

J. M. KELLY, Mine Boss.

SUNDAY CREEK COMPANY.

P. O., SHREWSBURY, W. VA.

No. 393. *Sunday Creek Mine No. 101*.—This is a drift mine located at Shrewsbury on the main line of the K. & M. Railroad, operating the No. 5 Seam which varies in thickness from five to six feet. The roof is slate which is fairly good. Developments are on the double entry system, ventilated by a six-foot fan which furnishes sufficient air for the proper ventilation of the mine, and with the exception of a few places the air is properly distributed. Cross cuts are driven at the proper distances; mine doors and stoppings in fair condition. A part of the mine is very wet; system of drainage poor. Owing to the light surface and irregular grades it would be very expensive to install a good system of drainage. Powder and oil law is well observed. Second opening meets the requirements. Safety lamp and stretchers on hand and rules posted.

This mine was reported last year as No. 101 Mine, No. 353 of the printed report.

W. F. MANDT, Supt.

H. W. PENROD, Mine Boss.

P. O., CEDAR GROVE.

No. 394. *Sunday Creek Mine No. 104*.—This mine is located near Cedar

Grove on the Kellys Creek Railroad. It is a drift mine operating the Coalburg Seam which has a thickness of five feet. The roof is slate and only fairly good. The mine is properly timbered. Developments are on the double entry system. Ventilation is produced by a seven-foot Thayer fan which furnishes sufficient air for the proper ventilation of the mine. Mine doors and stoppings in good condition; drainage fair. The second opening meets with the requirements of the law. Rules are posted; safety lamp and stretchers kept at hand.

This mine had not been in operation for six years, but was recently reopened by the above company and a force of men have been employed in constructing a tippie and incline and making needed improvements and repairs so as to place the mine in condition to be operated. Shipments of coal will begin sometime in July.

This mine was reported last year as No. 104 Mine, No. 355 of the printed report.

W. F. MANDT, Supt.

F. W. MANDT, Mine Boss.

P. O., MAMMOTH, W. VA.

No. 395. *Sunday Creek Mine No. 105.*—This is a drift mine located at Mammoth six miles east of Cedar Grove on the Kellys Creek Railroad, operating the Coalburg Seam which has a thickness of five and a half feet. The roof is slate and generally good and the mine properly timbered. Developments are on the double entry system. Ventilation is produced by a five-foot Thayer fan. The air is properly distributed with the exception of a part of the mine known as the No. 10 Cut-Off heading, where the ventilation was found to be deficient. Cross cuts are driven at the proper distances. Mine doors and stoppings in good condition. The main haulways are kept clear of obstructions with ample room for workmen to pass the cars. Powder and oil law is strictly enforced. The mine is practically dry. Second opening meets with the full requirements of the law. Safety lamp and stretchers on hand and rules posted at the mine.

This mine was reported last year as No. 105, No. 356 of the printed report.

W. F. MANDT, Supt.

WILLIAM WELCH, Mine Boss.

No. 396. *Sunday Creek Mine No. 106.*—This mine was idle except the first month of the fiscal year.

W. F. MANDT, Supt.

JOHN SIMS, Mine Boss.

No. 397. *Sunday Creek Mine No. 108.*—This mine was idle practically the entire year.

W. F. MANDT, Supt.

No. 398. *Sunday Creek Mine No. 109.*—This mine is located near Mammoth on the Kellys Creek Railroad, seven miles east of Cedar Grove. It is a drift opening operating the No. 5 Seam which has a thickness of five and a half feet. The roof is slate and generally good and the

mine properly timbered. Developments are on the double entry system, is ventilated by a six-foot Thayer fan with fair results. Cross cuts are driven at the proper distances; mine doors and stoppings in fair condition. Drainage only fair. The main haulways are kept clear of side obstructions with ample room for workmen to pass the cars. Powder and oil law is well enforced. Second opening in good condition. Rules posted; safety lamp and stretchers kept on hand.

This mine reported last year as No. 109 Mine, No. 359 of the printed report.

W. F. MANDT, Supt.

D. B. ROSS AND W. F. MANDT, Mine Bosses.

No. 399. *Sunday Creek Mine No. 110.*—This mine was only in operation 40 days during the fore part of the year. Reported last year as No. 110 Mine, No. 360 of the printed report.

W. F. MANDT, Supt.

Wm. WELCH, Mine Boss.

NEW CEDAR GROVE COAL AND BRICK COMPANY.

P. O., CEDAR GROVE, W. VA.

No. 400. *Boyd Mine.*—This is a drift mine located at Cedar Grove on the K. & M. Railroad, operating the Cedar Grove Seam which has a thickness of three feet with a slate roof which is very good. The developments are on the double entry system, ventilated by a temporary furnace which does not furnish sufficient air to meet the requirements of law. Cross cuts are neglected to some extent in the rooms. Mine doors and stoppings in fair condition. Drainage good. The second opening is not in condition to comply with the law, but a new opening is being made and no more than twenty persons will be employed until this opening is completed. No rules posted; no safety lamp or stretchers on hand.

This mine was reported last year as Boyd Mine, No. 361 of the printed report.

THOMAS BOYD, Supt.

THOMAS BOYD, Mine Boss.

KELLYS CREEK COLLIERY COMPANY.

P. O., WARD, W. VA.

No. 401. *Kellys Creek Mine No. 1.*—This is a drift mine located at Ward two miles east of Cedar Grove on the Kellys Creek and Northwestern Railroad. It operates the Coalburg Seam which varies in thickness from four and a half to five and a half feet. The roof is slate and in some section there is a draw slate varying in thickness from ten to fifteen inches and of a dangerous character, which must be taken down or carefully timbered to insure safety. The miners are well supplied with timber this purpose. Ventilation is produced by an eight-foot Thayer fan which furnishes sufficient air for the proper ventilation of the mine, if properly distributed. With the exception of a few rooms the ventilation was found to be very good. Cross cuts are regularly driven; mine doors in good condition; stoppings only fair. Drainage good. Powder and oil law is strictly enforced. Second opening meets with the re-

quirements of law; rules are posted; safety lamp and stretchers on hand.

This mine was reported last year as No. 1 Mine, No. 362 of the printed report.

H. T. SMARR, Supt.

Wm. MARTIN, Mine Boss.

No. 402. *Kellys Creek Mine No. 3.*—This mine is located at Ward on the Kellys Creek and Northwestern Railroad, three miles east of Cedar Grove. It is a drift operating the Coalburg Seam which varies in thickness from four and a half to five and a half feet. The roof is slate and in some sections of the mine the draw slate is of a dangerous nature, varying in thickness from eight to fifteen inches which has to be taken down or carefully timbered to insure safety. The miners are well supplied with timber and, as a rule, the working places are properly timbered. Ventilation is produced by an eight-foot Thayer fan which furnishes sufficient air for the proper ventilation of the mine. Ventilation was found to be very good with the exception of a few places in which the cross cuts were not driven at the proper distance. Mine doors and stoppings in fair condition. The mine is practically dry; drainage fair. Powder and oil law is well observed. Second opening meets with the requirements of law. Rules are posted; safety lamp and stretchers on hand.

This mine was reported last year as No. 3 Mine, No. 363 of the printed report.

H. T. SMARR, Supt.

HARRY TAYLOR, Mine Boss.

No. 403. *Kellys Creek Mine No. 3 1-2.*—This is a drift mine located at Ward and operated in connection with Mine No. 3. It operates the Coalburg Seam which has a thickness of five and a half feet with a slate roof which is fairly good. The developments are on the double entry system. Ventilation is produced by an eight-foot Thayer fan which furnishes sufficient air for the proper ventilation of the mine and is properly distributed. Cross cuts between entries and rooms are driven at the proper distances. Mine doors and stoppings in good condition. The mine is practically dry. Haulways are kept clear of obstructions with ample room for workmen to pass the cars. The second opening meets with the requirements.

This mine was not in operation last year.

H. T. SMARR, Supt.

HARRY TAYLOR, Mine Boss.

No. 404. *Kellys Creek No. 4 Mine.*—This mine is in the Cedar Grove Seam, but was only in operation part of the year.

Reported last year as No. 4 Mine, No. 364 of the printed report.

H. T. SMARR, Supt.

Wm. SHANNON, Mine Boss.

HUGHES CREEK COAL COMPANY.

P. O., HUGHESSTON, W. VA.

No. 405. *Hughesston Mine No. 2.*—This mine is located at Hughesston on the K. & M. Railroad. It is a drift opening operating the Coalburg Seam which varies in thickness from four and a half to five and a half

feet. The roof is slate of a dangerous character, sections of the mine having a draw slate varying in thickness from twelve to eighteen inches which generally has to be taken down to insure safety. The miners are well supplied with timber for propping and, as a rule the working places are well timbered. Developments are on the double entry system. Ventilation is produced by an eight-foot Crawford and McCrimmon fan that furnishes sufficient air for the proper ventilation of the mine. Cross cuts between entries and rooms are driven at the proper distance; mine doors and stoppings in fair condition. The mine has but little water to contend with; drainage fair. Powder and oil law is strictly enforced. The second opening is in good condition. Safety lamp and stretchers on hand; rules posted as required by law.

This mine was reported last year as Hugheston No. 2 Mine, No. 365 of the printed report.

J. W. MOORE, Supt.

JOHN NUGENT, Mine Boss.

No. 406. *Hugheston Mine No. 3.*—This is a drift mine located at Hugheston on the K. & M. Railroad. It is a drift opening operating the Coalburg Seam which has a thickness of five feet. The roof is slate and of a dangerous character as in some sections the draw slate varies in thickness from eight to twelve inches and must be taken down or carefully timbered to insure safety. The miners are well supplied with timber for propping. The developments are on the double entry system and ventilation is produced by a seven-foot fan which furnishes sufficient air if properly distributed. The air was found to be deficient in a few of the rooms due to neglect to have the cross cuts driven at the proper distances. Mine doors and stoppings in fair condition. Drainage only fair. Powder and oil law is well observed. The second opening meets with the requirements of the law. Safety lamp and stretchers on hand and rules posted.

This mine was reported last year as Hugheston No. 3 Mine, No. 366 of the printed report.

J. W. MOORE, Supt.

ANDREW ARCHIBALD, Mine Boss.

CANNELTON COAL COMPANY.

P. O., CANNELTON, W. VA.

No. 407. *Cannelton Mine No. 2.*—This mine is located on Smithers Creek one mile east of Cannelton on a branch line to the K. & M. Railroad. This is a drift mine operating the No. 2 Gas Seam which varies in thickness from five and a half to seven and one-half feet with a slate roof which is very good, and properly timbered. Developments are on the double entry system ventilated by a ten-foot Thayer fan which gives good results throughout the mine. Cross cuts between entries and rooms are driven at proper distances. The mine is equipped with automatic mine doors; stoppings in good condition. The mine is practically dry but there is a dampness throughout that alleviates the necessity of sprinkling to allay the dust. Haulways in good condition with ample room for workmen to pass the cars. Powder and oil law is well observed. The second opening meets

with the requirements; rules are posted, safety lamp and stretchers kept on hand.

This mine was reported last year as No. 2 Gas Mine, No. 367 of the printed report.

LANGDON LEA, Supt.

NEIL McCAFFERTY, Mine Boss.

THE MARMET COAL COMPANY.

P. O., MONARCH, W. VA.

No. 408. *Monarch Mine No. 1.*—This mine is located at Monarch on the K. & M. Railroad. It is a drift opening operating the Cedar Grove Seam which has a thickness of three and a half feet. The roof is slate and generally good and the mine well timbered. The developments are on the double entry system. Ventilation is produced by a seven-foot Thayer fan which does not furnish sufficient air to meet with the requirements of law, this being partly due to the slow speed of the fan and slate obstructions in the intake airway. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Drainage good. Main haulway in good condition. Powder and oil law is well enforced. The second opening in good condition. Stretchers and safety lamp on hand, and rules posted at the mine.

This mine was reported last as Monarch Mine, No. 375 of the printed report.

W. H. MORRIS AND

C. W. KING AND

R. T. PRICE, Supts.

W. H. MORRIS, Mine Bosses.

No. 409. *Monarch Mine No. 2.*—This is a drift mine located at Monarch, operated in connection with the Marmet No. 1 Mine. The Cedar Grove Seam is operated and has a thickness of three and a half feet. The roof is slate and generally good and the mine properly timbered. Drainage good. The developments are on the double entry system. Ventilation is produced by a seven-foot Thayer fan that furnishes sufficient air which is properly distributed. Cross cuts are regularly driven; mine doors and stoppings in fair condition. The second opening meets with the requirements.

This mine was included in last year's report as Monarch Mine, No. 375 of the printed report.

W. H. MORRIS AND

C. W. KING AND

R. T. PRICE, Supts.

W. H. MORRIS, Mine Bosses.

MASON COUNTY.

MASON CITY COAL MINING COMPANY.

P. O., MASON, W. VA.

No. 505. *Linden Mine.*—This is a drift mine located on the B. & O. Railroad one mile east of Mason, and operates the Pittsburg Seam of coal which has a thickness of five feet. The roof is sand stone and slate and generally good and the mine properly timbered. Ventilation is produced

by a small fan which does not give satisfactory results this being due to the improper system under which the mine was formerly developed. The present managment is endeavoring to place the mine in condition to meet the requirements of law. The second opening is in good condition and rules are posted. No safety lamp or stretchers kept at hand.

This mine was reported last year as Linden Mine, No. 469 of the printed report.

C. J. RYAN, Supt.

J. G. ROUSH, Mine Boss.

THE LIVERPOOL SALT AND COAL COMPANY.

P. O., HARTFORD, W. VA.

No. 506. *Jackson Furnace Mine*.—This mine is located at Hartford. It is a drift, operating the Pittsburg Seam of coal which has a thickness of from four and a half to five feet. The roof is slate and generally good and the mine properly timbered. The mine is developed on the double entry system and ventilated by a ten-foot fan but the air is not properly distributed, this being due to the return air-way being obstructed by a boiler and pump which is installed some distance within the mine, for the purpose of handling the large quantity of water that they have to contend with as nearly all of the working places are very wet. Cross cuts are driven at the proper distances and mine doors and stoppings in fair condition. The second opening does not meet with the requirements of law. Rules are not posted and safety lamp and stretchers are not kept on hand.

This mine was reported last year as Jackson Furnace Mine, No. 470 of the printed report.

H. F. SMITH, Supt.

SAMUEL EDWARDS, Mine Boss.

HARTFORD COAL AND MINING COMPANY.

P. O., HARTFORD, W. VA.

No. 507. *Hartford Mine*.—This is a slope mine, located at Hartford on the B. & O. Railroad, operating the Pittsburg Seam of coal on the double entry system. Ventilation is produced by a twelve-foot fan which gives very poor results, this being due to the bad condition of mine doors and stoppings which allows a large quantity of the black damp to escape from the old workings. Some sections of the mine are very wet; drainage fair. The roof is sand stone and slate and generally good, and the mine properly timbered. The employes use a fair qutality of oil. The second opening is in good condition, but no rules are posted. For a number of years the product of this mine has been used in the manufacture of salt, but during the year the management has changed, and a river tipple has been constructed and now a large part of the product is being loaded in barges for river shipment.

This mine was reported last year as Hartford Mine of Hartford City Salt Company, No. 471 of the printed report.

H. G. GREER, Supt.

JOHN ROY, Mine Boss.

CONSUMERS COAL AND MINING COMPANY.

P. O., SPILMAN, W. VA.

No. 508. *Camden Mine*.—This is a drift mine located at Spilman on the B. & O. Railroad and operates the Pittsburgh Seam which has a thickness of four feet. The roof is slate and fairly good, and the mine is properly timbered. The developments are on the double entry system, ventilated by a ten-foot Crawford and McCrimmon fan which, at a slow speed, furnishes 27,000 cu. ft. of air per minute, which is properly distributed. Some sections of the mine are very wet but the system of drainage has recently been improved by installing a pump. A fair quality of oil is used by the employes and the powder is taken into the mine in small flasks. The second opening meets with the requirements of the law. Rules are posted; safety lamp and stretchers kept at the mine.

This mine was reported last year as Camden Mine, No. 473 of the printed report.

ARTHUR MITCHELL, Supt.

JAMES SMITH, Mine Boss.

HANGING ROCK COAL COMPANY.

P. O., HARTFORD, W. VA.

No. 509. *Klondike Mine*.—This is a drift mine located one mile west of Hartford on the B. & O. Railroad, operating the Pittsburgh coal which has a thickness of five feet. The roof is slate and very good. The mine is properly timbered. Developments are on the double entry system. Ventilation is produced by a small furnace which furnishes sufficient air for the number of persons employed. Cross cuts are regularly driven. Mine doors and stoppings in fair condition. The mine is practically dry; drainage good. Powder and oil law is well enforced. The second opening in good condition. No rules are posted; no safety lamp or stretchers kept on hand. This property was recently purchased by the Mason City Mining Company.

This mine was reported last year as Klondike Mine, No. 474 of the printed report.

HOWARD ROBINSON, Supt.

ROBERT KNIGHT, Mine Boss.

BEECH GROVE COAL COMPANY.

P. O., MASON, W. VA.

No. 510. *Beech Grove Mine*.—This is a drift mine located one mile west of Mason on the B. & O. Railroad, and operates the Pittsburgh Seam of coal which has a thickness of five feet with a slate roof which is generally good and well timbered. Ventilation is produced by natural causes with only fair results. A part of the mine is very wet and the system of drainage is only fairly good. A fair quality of oil is used by the employes and the powder is taken into the mine in small flasks. This mine was idle for some time during the year being operated only during the fall and winter months. The second opening meets with the requirements, but no rules are posted and no safety lamp or stretchers kept at hand.

This mine was reported last year as Beech Grove Mine, No. 475 of the printed report.

JOSEPH ICENHOWER, Supt.

FRED ICENHOWER AND

H. H. WILLIAMS, Mine Bosses.

DIXIE COAL WORKS.

P. O., MASON, W. VA.

No. 511. *Dixie Mine*.—This mine is located at Mason on the B. & O. Railroad. It is a drift opening operating the Pittsburg coal which varies in thickness from four to five feet. The roof is slate and generally good and the mine properly timbered. The developments are on the double entry system. Ventilation is produced by a large furnace which furnishes sufficient air for the proper ventilation of the mine. Mine doors and stoppings in good condition. In some sections of the mine there is a considerable quantity of water to contend with but a large pump has recently been installed and a pipe line laid which makes a good system of drainage. The second opening is in good condition. Rules are posted; safety lamp and stretchers kept at hand.

This mine was formerly known as the Hope Mine and operated by the Hope Salt and Coal Company. After lying idle for two years it was purchased by the Dixie Coal Works, and for several months a force of men has been employed constructing a tippie for loading coal into railroad cars and making other substantial improvements in and about the mine. Shipments of coal will begin in September.

This mine was reported last year as Hope Mine, No. 468 of the printed report.

G. H. GRESS, Supt.

BEN PHILIPS, Mine Boss.

NICHOLAS COUNTY.

BELL CREEK COAL COMPANY.

P. O., BELVA, W. VA.

No. 512. *Bell Creek Mine*.—This mine is located on Twenty Mile Creek on a branch of the C. & O. Railway seven miles north of Gauley Bridge. It is a drift opening operating the Coalburg Seam which has a thickness of four feet. The roof is slate and good and the mine well timbered. Developments are on the double entry system. Ventilation is produced by a six foot fan which furnishes sufficient air, to ventilate the mine if properly distributed, but, in some sections, the air was found to be deficient this being due to improper construction of mine doors and stoppings. There is but little water to contend with; system of drainage poor. Second opening in good condition. No rules posted; no safety lamp or stretchers on hand.

This mine was reported last year as Bell Creek Mine, No. 477 of the printed report.

C. G. WOOD, Supt.

SCOTT TAYLOR, Mine Boss.

THE COLUMBUS COAL COMPANY.

No. 513. *No. 1 Mine*.—This mine was only in operation a small part of the year.

G. W. HOPE, Supt.

JOHN H. KIRBY, Mine Boss.

No. 514. *No. 2 Mine*.—This mine, as well as the No. 1 Mine, was idle most of the year.

G. W. HOPE, Supt.

JOHN H. KIRBY, Mine Boss.

KENTUCKY COAL AND LUMBER COMPANY.

P. O., CAMBRIA, W. VA.

No. 515. *Cambria Mine*.—This mine is located on the Open Fork of Bell Creek, on a branch line to the C. & O. Railway ten miles north of Gauley Bridge. It is a drift mine operating the Coalburg Seam which has a thickness of four feet. The roof is slate and generally good and the mine properly timbered. Drainage poor. Developments are on the double entry system, ventilated by natural means and is not sufficient to meet with the requirements of law. Cross cuts are regularly driven; mine doors and stoppings in fair condition. The second opening meets with the requirements. Deficiencies are: no rules posted; no safety lamp or stretchers on hand. This mine was formerly operated by the Cambria Mining Company, but during the year it passed to the management of the Kentucky Coal and Lumber Company.

This mine was reported last year as Cambria Mine, No. 480 of the printed report.

L. D. BURNS, Supt.

C. E. BOGGS, Mine Boss.

No. 516. *Mount Carmel Mine*.—This mine is located on the Open Fork of Bell Creek on a branch of the C. & O. Railway ten miles north of Gauley Bridge. It is a drift opening operating the Coalburg Seam which has a thickness of four feet. The roof is slate and is generally good and the mine properly timbered. Drainage fair. Developments on the double entry system. Ventilation is produced by a seven-foot fan which furnishes sufficient air for the proper ventilation of the mine. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Powder and oil law well observed. The second opening meets with the requirements; rules are posted; stretchers on hand as required by law.

This mine was formerly operated by the Mount Carmel Coal & Coke Company but during the year it passed to the management of the Kentucky Coal and Lumber Company.

This mine was reported last year as Mt. Carmel Mine, No. 481 of the printed report.

L. D. BURNS, Supt.

L. H. ARTHUR, Mine Boss.

No. 517. *National Mine*.—This is a drift mine located on the Open Fork of Bell Creek ten miles north of Gauley Bridge on a branch of the C. & O. Railway. The Coalburg Seam is operated and has a thickness of four feet, with a slate roof which is fairly good and properly timbered. The developments are on the double entry system, ventilated by a temporary

furnace which does not furnish sufficient air to meet with the requirements of the law. Cross cuts are regularly driven; mine doors and stoppings in fair condition. Drainage only fair. Second opening meets with the requirements. No rules posted; no safety lamp or stretchers kept on hand as required by law.

This mine was formerly operated by the National Coal Company but during the year it passed to the management of the Kentucky Coal and Lumber Company.

Was reported last year as National Mine, No. 482 of the printed report.
L. D. BURNS, Supt. C. C. BAYLES, Mine Boss.

ARMINIUS COAL COMPANY.

P. O., SCOTTFORD, W. VA.

No. 518. *Arminius Mine*.—This is a drift mine located on the Open Fork of Bell Creek on a branch of the C. & O. Railway, eleven miles from Gauley Bridge. It is a drift opening operating the Coalburg Seam which has a thickness of three and a half feet with a slate roof which is good and the mine is properly timbered. The developments are on the double entry system, ventilated by a temporary furnace which furnishes sufficient air for the number of persons employed. Cross cuts are regularly driven; mine doors and stoppings in good condition. Drainage fair. The second opening meets with the requirements. Deficiencies are: no rules posted; no safety lamp or stretchers kept on hand.

This mine was reported last year as Arminius Mine, No. 483 of the printed report.

G. E. SMITH, Supt.

S. W. SMITH, Mine Boss.

PAINT CREEK COLLIERIES COMPANY.

P. O., GREENDALE, W. VA.

No. 519. *Raven or Greendale Mine*.—This mine is located on Twenty Mile Creek on a branch of the C. & O. Railway, fourteen miles north of Gauley Bridge. It is a drift mine operating the Coalburg Seam which has a thickness of three and a half feet. The roof is slate and generally good and the mine well timbered. The developments are on the double entry system. Ventilation is produced by an eight-foot Thayer fan which furnishes sufficient air for the proper ventilation of the mine but the air was found deficient in a few of the rooms this being due to neglect in driving the breakthroughs at the proper distance. Mine doors and stoppings in fair condition. The mine is practically dry having but little water to contend with. Powder and oil law is well observed. The second opening is in fair condition. No rules posted; no safety lamp or stretchers on hand.

This mine was reported last year as Greendale Mine of the Gauley Company, No. 484 of the printed report.

J. R. SHARP AND

J. A. KIRBY AND

F. H. SNYDER, Supts.

J. H. WALKER, Mine Bosses.

PUTNAM COUNTY.

PLYMOUTH COAL AND MINING COMPANY.

P. O., PLYMOUTH, W. VA.

No. 520. *Plymouth Mine*.—This is a drift mine located at Plymouth on the main line of the K. & M. Railroad, operating the Pittsburg Seam of coal which has a thickness of five and a half feet with a slate roof of a dangerous character which has to be given careful attention to insure safety. The miners are well supplied with timber and, as a rule, all working places are properly timbered. Cross cuts between rooms and entries are regularly driven; mine doors and stoppings in fair condition. Ventilation is produced by two fans—one a six-foot Thayer and the other a twelve-foot Crawford & McCrimmon—which gives very good results. The twelve-foot fan is principally used in keeping the mine clear of the black damp that escapes from the old workings. The employes use a good quality of oil for illuminating purposes. All powder is taken into the mine in five pound flasks. The second opening is in good condition. Rules are posted; safety lamp and stretchers kept on hand. Occasionally when a heading strikes a clay vein, considerable explosive gas is liberated, but this only lasts during the time that the heading is in the clay vein. A fire boss is employed who makes a careful inspection of these working places, each morning, before any one is allowed to enter the mine.

This mine was reported last year as Plymouth, No. 485 of the printed report.

W. C. MITCHELL, Supt.

JOSEPH VIRGIN, Mine Boss.

No. 521. *Manilla Mine*.—This is a drift mine located at Plymouth and operates the Pittsburg Seam of coal which has a thickness of five and a half feet with a slate roof of a dangerous character which requires careful attention to insure safety. The miners are well supplied with timber, and the mine is properly timbered. Drainage fairly good. Developments are on the double entry system and ventilation is produced by a sixteen-foot Crawford and McCrimmon fan which, at a slow speed, produces 35,000 cu. ft. of air per minute, which is properly distributed to the working places. Cross cuts between rooms and entries are driven at the proper distances; mine doors and stoppings in good condition. The employes use a fair quality of oil for illuminating purposes and powder is taken into the mine in quantities not to exceed five pounds. The second opening is in good condition; rules are posted; safety lamp and stretchers kept at hand.

This mine was reported last year as Manilla Mine, No. 486 of the printed report.

W. C. MITCHELL, Supt.

JOSEPH VIRGIN, Mine Boss.

No. 522. *California Mine*.—This is a drift mine located at Plymouth and operates the Pittsburg Seam of coal which has a thickness of five and a half feet with a slate roof of a dangerous nature. The miners

are well supplied with timber and the working places are well timbered. The developments are on the double entry system and ventilation is produced by a six-foot Thayer fan which gives very good results. Cross cuts between entries and rooms are driven at the proper distances; mine doors and stoppings in fair condition; drainage only fair. A fair quality of oil is used for illuminating purposes and all powder is taken into the mine in five pound flasks. At times, explosive gas, in small quantities, is liberated in the mine, but this is given very careful attention and not allowed to accumulate in dangerous quantities, as Mr. Virgin, who has charge of the Plymouth mines, is a very competent man, and thoroughly understands the ventilation of mines. The second opening is in good condition; rules are posted and safety lamp and stretchers kept at hand.

This mine was reported last year as California Mine, No. 487 of the printed report.

W. C. MITCHELL, Supt.

JOSEPH VIRGIN, Mine Boss.

THE OTTO MARMET COAL AND MINING COMPANY.

P. O., RAYMOND CITY, W. VA.

No. 523. *Big Otto Mine No. 1.*—This is a drift mine located on Harmon's Creek, five miles east of Raymond City, on a short line railroad to the K. & M. Railroad and the river tipple. The Pittsburg Seam of coal is operated which has a thickness of five and a half feet with a slate roof of a dangerous character, but the miners are well supplied with timber and the mine is properly timbered. The developments are on the double entry system ventilated by an eight-foot Thayer fan which gives fair results. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings in fair condition. Oil used for illuminating purposes is of a fair quality. All powder is taken into the mine in five pound flasks. The management has recently built a powder magazine and furnished two metallic flasks for each miner. At the end of each day's work the empty flasks are left at the magazine where a man is employed to fill them and give out the full flasks each morning. The second opening meets with the requirements of law. Rules are posted at the mine; safety lamp and stretchers kept at hand.

This mine was reported last year as Big Otto No. 1, No. 489 of the printed report.

EDWARD SCHONEBAUM, Supt.

ANDREW UTT, Mine Boss.

No. 524. *Big Otto Mine No. 2.*—This is a drift mine located on Harmon's Creek and operated in connection with the Big Otto No. 1. It is a drift operating the Pittsburg Seam of coal which has a thickness of five and a half feet. The roof is slate of a dangerous character. The miners are well supplied with timber and the mine is properly timbered. The developments are on the double entry system. This mine has inside connection with the No. 1 Mine both being under the same system of ventilation. Cross cuts are regularly driven; mine doors and stoppings in fair condition.

This mine was reported last year in connection with No. 3 Mine as Big Otto Nos. 2 and 3, No. 490 of the printed report.

EDWARD SCHONEBAUM, Supt.

ROBERT FIELDS, Mine Boss.

No. 525. *Big Otto Mine No. 3.*—This is a drift mine located on Harmon's Creek and operated in connection with the Big Otto No. 1. It is a drift mine operating the Pittsburg Seam of coal which has a thickness of 5 1-2 feet. The roof is slate of a dangerous and treacherous character. The miners are well supplied with timber for propping and, as a rule, the mine is well timbered. Drainage fair. The mine is developed on the double entry system and ventilated by an eight-foot Thayer fan which furnishes sufficient air and the mine is properly ventilated. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings in fair condition. The second opening meets with the requirements of law. Rules are posted at the mine and safety lamp and stretchers kept at hand.

This mine was reported last year as Big Otto Mine No. 3 in connection with No. 2, No. 490 of the printed report.

EDWARD SCHONEBAUM, Supt.

ROBERT FIELDS, Mine Boss.

BLACK BETSEY COAL AND MINING COMPANY.

P. O., BLACK BETSEY, W. VA.

No. 526. *Black Betsey Mine No. 1.*—This is a drift mine located at Black Betsey on the main line of the K. & M. Railroad, and operates the Pittsburg Seam of coal which has a thickness of five and a half feet with a slate roof of a dangerous character which requires careful attention to insure safety. The miners are well supplied with timber and, as a rule, the working places are properly timbered. The mine is developed on the double entry system and the ventilation is produced by a furnace and an eight-foot Thayer fan which furnish sufficient air when properly distributed. The ventilation was found to be deficient in some parts of the mine, this being due to neglect to have the doors properly attended. Cross cuts between entries and rooms are driven at the proper distances; mine doors and stoppings in fair condition only. Oil used for illuminating purposes is of a fair quality. The second opening is in first class condition. Rules are posted at the mine; safety lamp and stretchers kept on hand.

This mine was reported last year as Black Betsey Mine, No. 491 of the printed report.

LLOYD PARKINS, Supt.

J. W. HARGRAVES, Mine Boss.

No. 527. *Black Betsey Mine No. 2.*—This is a drift mine located at Black Betsey and operates the Pittsburg Seam of coal which has a thickness of five and a half feet. The roof is slate of a dangerous nature and requires careful attention to insure safety. The miners are well supplied with timber and, as a rule, the working places are properly timbered. The mine is developed on the double entry system and ventilated by an eight-foot Thayer fan which furnishes sufficient air and the mine is properly ventilated. The principal part of the mine is wet; drainage poor. Cross cuts between rooms and entries are driven at the proper distance; mine doors and stoppings in good condition. A small quantity

of explosive gas has recently been liberated at the faces of the third right and fourth left headings. This mine is operated in connection with Black Betsey Mine No. 1.

No report was made of this mine last year.

LLOYD PARKINS, Supt.

J. W. HARGRAVES, Mine Boss.

THE OAK FOREST COAL AND MINING COMPANY.

P. O., OAK FOREST, W. VA.

No. 528. *Oak Forest Mine.*—This is a slope mine located at Oak Forest on the south side of Kanawha River three miles north of Winfield, and operates the Pittsburg Seam of coal which has a thickness of from three and a half to four feet. The roof is slate and generally good. The mine is developed on the double entry system and ventilated by a ten-foot fan which furnishes sufficient air for the proper ventilation of the mine. Cross cuts between entries and rooms are regularly driven; mine doors and stoppings in good condition. The mine is properly timbered; drainage good. The oil used for illuminating purposes is of a fair quality. The second opening was found to be in fair condition, it being a shaft eighty feet in depth equipped with a wooden ladder. A safety lamp and stretchers are kept at hand, but no rules are posted at the mine.

This mine was reported last year as Oak Forest Mine, No. 492 of the printed report.

D. L. THOMAS, Supt.

WILLIAM THOMAS, Mine Boss.

ALPHA COAL MINING COMPANY.

P. O., PLYMOUTH, W. VA.

No. 529. *Alpha Mine.*—This is a drift mine located one mile east of Plymouth on a branch line of the K. & M. Railroad. The Pittsburg Seam of coal is operated and varies in thickness from four and a half to five feet. The roof is slate of a dangerous character. The miners are well supplied with timber and the mine is properly timbered. Drainage fair. The developments are on the double entry system. Ventilation is produced by a ten-foot fan which furnishes sufficient air for the proper ventilation of the mine. With the exception of a few of the working places the cross cuts were regularly driven; mine doors and stoppings in fair condition. The second opening meets with the requirements of the law, but no rules are posted and no safety lamp or stretchers kept at hand. This mine was idle from March 1, 1906 until June 10, 1907, and at the present time employs but few persons.

This mine was reported last year as Alpha Mine, No. 493 of the printed report.

K. C. FISH AND

T. C. CARRUTHERS, Mine Boss.

ROBT. G. GILL, Supts.

FIFTH DISTRICT.

GENERAL SUMMARY OF THE FIFTH DISTRICT FOR THE YEAR
ENDING JUNE 30, 1907.

COUNTY	No of Openings	No. Persons Killed	EMPLOYEES.								Production of		
			Inside.					Outside.			Sum Total.	Coal (tons of 2,240 lbs.)	Coke (tons of 2,000 lbs.)
			Pick Miners	Machine Miners	Machine Runners & Helpers.	Laborers.	Total.	Laborers.	Coke Workers.	Total.			
Fayette (in part).....	100	127	3,775	516	218	1,737	6,246	998	505	1,503	7,749	4,882,798	404,791
Greenbrier.....	1	..	20	..	..	5	25	5	..	5	30	31,978	..
Kanawha.....	1	1	3	36	6	13	58	8	..	8	66	31,696	..
Raleigh.....	29	7	1,008	58	12	424	1,482	219	..	219	1,701	1,104,676	..
Totals	131	135	4,806	590	236	2,179	7,811	1,230	505	1,735	9,546	6,051,148	404,791

*CONDITION OF THE MINES IN THE FIFTH DISTRICT,
As Reported upon by John I. Absalom, Mine Inspector, on Date of Last Inspection.*

No.	County.	Name of Company.	Name of Mine.	Recommendations made as to
276	Fayette	Eureka Colliery Co.	Eureka No. 13	Ventilation main entry, obstructions in second opening.
277	"	"	No. 14	Drainage on haulways.
278	"	St. Clair Colliery Co.	St. Clair No. 1	Loose slate on entries.
279	"	"	No. 2	Second opening.
280	"	Mecca Coal & Coke Co.	Mecca No. 2	Timbering on main entry.
281	"	"	No. 5	Drainage.
282	"	The Carver Brothers Co.	No. 2	Timbering main entry, drainage, powder law.
283	"	"	No. 3	Ventilation, timbering, gases, stoppings and doors.
284	"	"	No. 1	Drainage, timbering in rooms, stoppings.
285	"	"	Eagle	Drainage.
286	"	"	No. 5	Ventilation.
287	"	"	Diamond	Drainage.
288	"	W. R. Johnson	Eagle No. 1	Drainage.
289	"	"	Gas No. 2	Drainage.
290	"	"	Splint No. 5	Drainage, break throughs.
291	"	The Mt. Carbon Co. Ltd.	Vulcan & South	"
292	"	Great Kanawha Colliery Co.	Brewster	"
293	"	"	Edwards	"
294	"	"	Rhinelas	"
295	"	Cardiff Coal Co.	Kimberly	Ventilation in rooms, break throughs more frequent.
296	"	"	Columbia	Stoppings to be made in re substantial.
297	"	"	Elk Ridge No. 1	Timbering, loose slate on haulways, sprinkling dusty places
298	"	"	No. 2	"
299	"	Loup Creek Colliery Co.	Antsted	"
300	"	"	Eagle	"
301	"	Fort Defiance Coal & Coke Co.	Fort Defiance	"
302	"	"	Morris Branch	"
303	"	Morris Branch Coal Co.	South Side	"
304	"	The Goshen Iron Co.	Elverton	"
305	"	The Low Moor Iron Co. of Va.	Kay Moor No. 1	Enforcement of powder and oil laws.
306	"	"	No. 2	Ventilation, timbering on entries.
307	"	Brown Coal Co.	Bachman	Ventilation, 4th right entry, door on main entry below No. 1
308	"	New River Valley Coal Co.	"	Ventilation, drainage, enforcement of powder law.
309	"	"	Brooklyn No. 7	"
310	"	New River Collieries Co.	Brooklyn No. 6	"
311	"	"	Red Ash No. 5	Ventilation, drainage, timbering.
312	"	"	Rush Run No. 4	Break throughs, 9th to 5th right.
313	"	"	Sun No. 1	Removal of old timber from room mouths, drainage mainly, a door on 4th right.
314	"	"	No. 2	Removal of old timbers.
315	"	"	No. 3	Removal of old timbers.
316	"	The Thurmond Coal Co.	Thurmond No. 1	Door on main entry to make fan effective.

317	Fayette	The Thurmond Coal Co.	Thurmond No. 2	Ventilation, drairage, fan.
318	"	Stone Cliff	Stone Cliff	Ventilation, drairage, enforcement powder law.
319	"	Beechwood Coal & Coke Co.	Beechwood No. 1	Ventilation head of main entry, loose slate on haulways, observance of oil laws, stoppings not tight.
320	"	"	No. 2	Drainage, timbering main entry in places, water standing on main entry.
321	"	Alaska Coal & Coke Co.	Alaska	Ventilation in advance work, drainage, timber at mouth of mine.
322	"	Ridgeview Coal Co.	Ridgeview	Stoppings, not tight.
323	"	Ephraim Creek Coal & Coke Co.	Buffalo	Ventilation.
324	"	Quinnmont Coal Co.	Big Q.	Ventilation irregular, fan to be installed.
325	"	"	Lick Branch	Drainage.
326	"	Glendale Colliery Co.	Glendale	Ventilation not reliable, drainage.
327	"	Laurel Creek Coal Co.	Laurel	
328	"	Export Coal Co.	Robins	
329	"	Greenwood Coal Co.	Greenwood	Ventilation, observance of powder and oil law.
330	"	Hemlock Hollow Coal & Coke Co.	Hemlock	Drainage
331	"	New Riv. & Pocahontas Cons. Coal Co.	Layland No. 1.	
332	"	"	No. 2	
333	"	"	No. 3.	
334	"	"	B. No. 1.	Ventilation, drairage, safety lamp.
335	"	"	Minden No. 2.	Timbering main entry, stoppings rebuilt and repaired.
336	"	"	No. 3.	Ventilation obstructed by falls, timbering, observance of powder and oil laws.
337	"	"	No. 4.	A few small feeders of gas.
338	"	"	No. 5.	Ventilation on 4th left, drainage, timbering in rooms.
339	"	Newlyn Coal Co.	Newlyn	Drainage.
340	"	Meadow Fork Coal Co.	Meadow Fork	Ventilation, drainage, second opening.
341	"	The Dungen Coal Co.	Dungen No. 1.	
342	"	"	No. 2.	
343	"	Nichol Colliery Co.	Nichol	Repairing of leaky stoppings.
344	"	McKell Coal & Coke Co.	Derryhaile	Drainage.
345	"	"	Kilsyth	Gas, 19th left and main entry, stoppings, doors on left entry.
346	"	Laura Mining Co.	Laura	
347	"	The Star Coal & Coke Co.	Star	Timbering in some rooms.
348	"	Harvey Coal & Coke Co.	Harvey No. 1.	
349	"	"	No. 2.	
350	"	Prudence Coal Co.	Prudence.	
351	"	"	Lymman	
352	"	"	Jones	
353	"	Collins Colliery Co.	Collins No. 1.	
354	"	"	No. 2.	
355	"	White Oak Fuel Co.	Wingrove	
356	"	"	Scarbro.	
357	"	"	Whipple.	
358	"	"	Carlisle.	
359	"	"	Oakwood	Drainage, bonnets and safety catches on cages.
360	"	Stuart Colliery Co.	Paral	Sprinkling east right entry, not working over twenty men.
361	"	"	Stuart	Not working over twenty men.
362	"	"	Beech Creek	
363	"	Dunn Loop Coal & Coke Co.	Dunn Loop No. 1	

*CONDITION OF THE MINES IN THE FIFTH DISTRICT.—Continued.
As Reported upon by John I. Absalom, Mine Inspector, on Date of Last Inspection.*

No.	County.	Name of Company.	Name of Mine.	Recommendations made as to
364	Fayette.	Dunn Loop Coal & Coke Co.	Dunn Loop No. 2	Obstructions in air course.
365	"	Macdonald Colliery Co.	Macdonald	
366	"	Sugar Creek Coal & Coke Co.	Sugar Creek	
367	"	Price Hill Fuel Co.	Sherwood	
368	"	The Turkey Knob Coal Co.	Turkey Knob	Drainage, doors and stoppings to be repaired.
369	"	Mt. Hope Coal & Coke Co.	Mt. Hope	
530	Greenbrier.	Elk Lick Coal Co.	Lost Flat	
532	Raleigh.	New River Collieries Co.	Royal	
533	"	"	Lanark	Drainage, stretchers and blankets.
534	"	"	Eccles Shaft Nos. 1 & 2	
535	"	Raleigh Coal & Coke Co.	Raleigh No. 3	
536	"	"	" No. 1	
537	"	"	" No. 2	Man holes, main entry, oil law not observed, stretcher and blankets.
538	"	"	" No. 4	
539	"	"	" No. 5	
540	"	The Wright Coal & Coke Co.	Wright	
541	"	"	Pack	Observance of oil law.
542	"	Piney Coal & Coke Co.	Piney No. 1	Stretcher. Blankets and safety lamp.
543	"	"	" No. 2	Gas room No. 8 main entry, blankets and stretchers, bulletin board.
544	"	"	" No. 3	Ventilation, doors on 1st right entry, blankets and stretchers, observe powder law.
545	"	"	" No. 4	Stretchers, blankets, safety lamp, observe powder and oil law, man-holes on main entry.
546	"	Stonewall Coal & Coke Co.	Stonewall	Doors and stoppings.
547	"	"	Terry	Drainage, improvement to furnace stack.
548	"	"	Stonewall No. 4	Ventilation, 1st right entry, observance of powder and oil law.
549	"	McKell Coal & Coke Co.	Oswald	Observance of oil and powder law, doors, rules and break-throughs.
550	"	"	Sidney	
551	"	"	Graham	
552	"	Blue Jay Coal & Lumber Co.	Blue Jay	
553	"	Home Coal Co.	Lewis	Ventilation, drainage.
554	"	Beckley Coal & Coke Co.	Beckley	
555	"	Mabscott Coal & Coke Co.	Mabscott	
556	"	Cranberry Fuel Co.	Cranberry	
557	"	"	Prosperity	Fan. Opening at outlet of fan.
558	"	"	Skelton	
559	"	"	Sprague	
560	"	Price Hill Fuel Co.	Price Hill	

SIXTH DISTRICT.

GENERAL SUMMARY OF THE SIXTH DISTRICT FOR THE YEAR
ENDING JUNE 30, 1907.

COUNTY.	No. of Openings.	No. Persons Killed.	EMPLOYEES							Production of			
			Inside.				Outside.			Sum Totals.	Coal (tons of 2,240 lbs)	Coke (tons of 2,000 lbs)	
			Pick Miners.	Machine Miners.	Machine Runners & Helpers.	Laborers.	Total.	Laborers.	Coke Workers.				Total.
Fayette. ...	1	...	16	30	4	12	62	7	...	7	69	40,790	.....
Kanawha (in part) ..	100	18	914	1,733	443	1,120	4,210	687	...	687	4,897	3,360,244	.....
Lincoln.	4	...	4	15	8	5	32	7	...	7	39	17,589	.....
Logan.	18	5	128	482	104	253	947	133	...	133	1,080	740,607	.....
Mingo.	48	9	615	784	259	641	2,299	325	...	325	2,624	1,867,100	.....
Raleigh.	1	...	12	...	...	3	15	12	...	12	17	...	.....
Wayne.	1	...	29	...	...	6	35	12	...	12	37	25,217	.....
Totals.	173	32	1,718	3,044	818	2,020	7,600	1,163	...	1,163	8,763	6,051,547	.....

OFFICE OF THE SIXTH DISTRICT MINE INSPECTOR.

Chelyan, W. Va., August 23, 1907.

MR. JAMES W. PAUL,

Chief of Department of Mines,
Charleston, W. Va.

Dear Sir:—In compliance with Sec. three of the Mining Law I herewith submit to you my annual report as Inspector of the Sixth Mining District of West Virginia, for the year ending June 30th, 1907.

During the year I made 251 regular inspections and 16 special visits, and am pleased to say that the general condition of the mines, throughout this district has been improved during the past year, but there is still room for improvement and I think it will be shown by the next annual report that a number of good things have been accomplished by the increased force of inspectors and the change in our mining laws which was enacted by the last legislature.

There were 22 fans installed in the various mines in this district during the past year, which goes to show that the operator is becoming to realize that good ventilation is one of the most essential things to a coal mine and especially at this age of the industry when a large portion of the work is done by modern machinery which consumes a large volume of air. During the year there were 33 persons prosecuted for violating the mining law, in this district, 26 in Kanawha county and 7 in Mingo county. They consisted of superintendents, mine bosses, contractors, timbermen, miners, drivers and trappers.

On March 14th, 1907, the Paint Creek Collieries Company was notified

that an injunction would be asked, to close their Grose Mine No. 2 until all dry and dusty parts of the mine could be properly watered and the coal mined in a practical manner, other than shooting it from the solid, and two weeks later the case was heard by Judge Burdette and the decree as taken from the record was as follows:

Bonner H. Hill, Mine Inspector, &c.,

vs.

Paint Creek Collieries Company, a Corporation.

} *In Chancery.*

This cause came on this day to be heard upon the Bill and the answer of the defendant and the general replication thereto, and upon the testimony taken therein, and upon the motion of the said defendant to dismiss the said Bill, and was argued by counsel.

Upon consideration whereof the Court is of the opinion that the matters arising in said Bill and for which an injunction was prayed, have all been adjusted by said defendant, and that there is now no cause for said injunction, that said Bill should be dismissed. It is therefore, adjudged, ordered and decreed that the said Bill be, and the same is hereby dismissed, but it further appearing from the evidence adduced in this cause, that the said defendant was at the time of the filing of the bill, amenable as charged in said Bill, it is therefore adjudged, ordered and decreed that the plaintiff do recover of the defendant his costs in his behalf expended, including an attorney's fee to F. L. Beardsley of \$15.00, as allowed by law.

A true copy from the record.

F. L. BEARDSLEY,

Attorney at Law.

Electric plants were installed at the following mines during the year:

Hickory Camp, Grose, Wacomah, Wake Forest and Red Warrior. The Big Coal Company is putting in a large plant which they expect to have in operation in a few weeks. The Olcott Coal and Iron Company are also installing a large plant, which they expect to be operating in the near future. Compressed Air Plants were installed at the following mines: Rex, Logan, Ethel and Wilson.

This has been a very peaceable as well as prosperous year for both miner and operator, the car supply has been plentiful and prices good, but a scarcity of labor seems to exist throughout the entire district.

It is with a feeling of gratitude that I express my obligations for your wise counsel, and able advice and assistance, which has proven valuable to me in the discharge of my duties.

I also wish to express my appreciations to the miners and operators for their many courtesies and expressions of good will shown to me in my visits.

Very truly yours,

BONNER H. HILL,

Mine Inspector 6th District.

FAYETTE COUNTY.

PAINT CREEK COLLIERIES COMPANY.

No. 275. *Hickory Camp Mine.*—This mine is located on a branch of the C. & O. R. R., at Mahan, and on Paint Creek; is a drift opening operating

the Eagle or No. 1 Gas Coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. The coal is mined by electric machines. All powder is carried into the mine in cans of five pounds capacity. The roof is good. This mine is dry throughout which necessitates watering during the winter season to allay the dust, which has always been regularly done. The employes burn the oil sold them by the operating company, which is of a fair quality. The second opening to this mine meets all the requirements of the law. Rules are kept posted and stretchers and safety lamp are kept on hand. A map of the workings of this mine, dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 350 tons per day.

This mine was reported last year as Hickory Camp Mine, No. 331 of the printed report.

W. W. MUCKLOW, Gen. Mgr

R. F. TOWNSEND, Mine Boss.

JOHN STEWART, Supt.

KANAWHA COUNTY.

THE MARMET COAL COMPANY.

No. 410. *Butler Mine.*—This mine is located about four miles from Marmet on the West Virginia Southern R. R., and Lens Creek; is a drift opening operating the Winifrede Coal on the double entry system. The main entries to this mine are in very thin coal and the principal work consists of robbing. The ventilation produced by one furnace and a 7-foot Thayer fan is fairly good. Drainage at the faces is good but along the haulways is only fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is poor. Rules are kept posted and stretchers and safety lamp are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine to January 15th, 1907 has been furnished this office. With present mine development and equipment and full force of men this mine is capable of producing 300 tons per day. This mine was reported last year as Butler mine No. 376 of the printed report.

R. T. PRICE, Gen. Mgr.

S. L. SELBY, Mine Boss.

J. W. STRAUGHAN, Supt.

No. 411. *Butler No. 2 Mine.*—This mine is located about four miles from Marmet on the West Virginia Southern R. R., and Lens Creek; is a drift opening operating the Lens Creek Coal on the double entry system. The ventilation produced by a 10-foot Thayer fan is good. The coal is mined by electric machines. The roof is bad but timbering is well looked after. All powder is carried into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company which is of a poor quality. Drainage is good.

The second opening to this mine is a door beside the fan and meets

the requirements of the law until a better opening can be made. A map of the workings of this mine has been furnished this office, dated April 6th, 1907. With the present mine development and equipment and full force of men this mine is capable of producing 200 tons per day.

This is a new mine and began shipping coal during the year.

R. T. PRICE, Gen. Mgr.

J. W. SHEPHERD, Mine Boss.

J. W. STRAUGHAN, Supt.

No. 412. *Butler No. 5 Mine.*—This mine is located about four miles from Marmet on the West Virginia Southern R. R. and Lens Creek; is a drift opening operating the No. 5 coal. The cover over this seam at this point is very thin and the main entry is driven through the hill which gives a good ventilation from natural causes. The roof is good; drainage good.

All powder is carried into the mine in cans of five pounds capacity. The employees burn the oil sold them by the operating company which is of a poor quality. The second opening to this mine meets all the requirements of the law.

Rules are kept posted and stretchers and safety lamps are kept on hand.

With the present mine development and equipment and full force of men this mine is capable of producing 140 tons per day. This is a new mine and began shipping coal during the year.

R. T. PRICE, Gen. Mgr.

CHARLES SNODGRASS, Mine Boss.

J. W. STRAUGHAN, Supt.

BLACK BAND COAL AND COKE COMPANY.

Nos. 413, 414, 415 and 416. *Black Band Mines Nos. 1, 2, 3 and 5.*—These mines are located on Davis Creek and operated the Black Band coal, but during the year they were closed indefinitely.

These mines were reported last year as Black Band Mines Nos. 1, 2, 2½ and 3, Nos. 456, 457, 458 and 459 of the printed report. No. 2½ is now called No. 5.

A. D. EATHERLY, Supt.

C. F. SNODGRASS, Mine Boss, No. 1 Mine.

JOHN SONGER, Mine Boss, No. 2 Mine.

G. E. SANFORD, Mine Boss, No. 3 Mine.

PETE MOONEY, Mine Boss, No. 5 Mine.

THE OLCOTT COAL AND IRON COMPANY.

No. 417. *Mine No. 1.*—This mine is located on Brier Creek, a tributary of Coal River; is a drift opening operating the Black Band coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage is good. All powder is carried into the mine in cans of five pounds capacity. The employees burn the oil sold by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law.

A map showing the workings of this mine dated November, 1906, has

been furnished this office. Several new openings are being made to this mine and a large up-to-date electric power plant is just installed and about ready for operation. With the present mine development and equipment and a full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Glenallice Mine, No. 464 of the printed report.

F. H. PALMER, Supt.

B. F. THORNE, Mine Boss.

No. 418. *Mine No. 2.*—This mine is located on Brier creek, a tributary of Coal River; is a drift opening the Black Band Coal on the double entry system. The ventilation produced by a furnace is fair. The roof in some parts of this mine is bad and dangerous but timbering is well looked after. Drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated April, 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Olcott Mine No. 461 of the printed report.

F. H. PALMER, Supt.

C. E. GRIFFITH, Mine Boss.

DAVIS CREEK MINING CO.

No. 419. *Davis Creek Mine.*—This mine is located on Davis Creek and operated the Black Band coal. It has been idle all the year and as I understand has been abandoned.

This mine was reported last year as Davis Creek Mine, No. 466 of the printed report.

CANEY FORK COAL MINING CO.

No. 420. *Caney Fork Mine.*—This mine is located on Davis Creek and operates the Black Band coal.

This mine has been idle all the year and from the best information I could get it is abandoned.

This mine was reported last year as Caney Fork Mine, No. 465 of the printed report.

WINIFREDE COAL COMPANY.

No. 421. *Winifrede Gas Mine.*—This mine is located on Fields Creek: is a drift opening operating the Peerless coal. A few months ago this company decided to abandon this mine and moved the electric plant and other machinery to Belmont, and the work in this mine consists of drawing pillars and robbing the mine and it will only be a short time until the entire mine will be abandoned. The ventilation produced by natural causes is fairly good. Roof is good; drainage good. All powder is carried into the mine in cans of five pounds capacity. The employes burn

the oil sold them by the operating company. Rules are kept posted and stretchers and safety lamps are kept on hand.

With the present workings this mine is capable of producing about 60 tons per day. This mine was reported last year as Winifrede Gas Mine No. 377 of the printed report.

R. W. EDMUNDS, Supt.

JAS. BURNS, Mine Boss.

R. B. CASSADY, Gen. Mgr.

No. 422. *South Mine*.—This mine is located on Fields creek; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a 10-foot Thayer fan has been greatly improved during the past year by an intake, which was made on the Coal River side of the mountain and shortens the distance the air must travel, to reach the working faces. In some parts of this mine the roof is bad and dangerous but is well looked after. The drainage along the haulways is bad and a ditch is now being made into some of the old workings which will drain a large portion of the mine, when complete. All powder is carried into the mine in cans of five pounds capacity. After the Superintendent, Mine Foreman and fourteen of the employes paid a fine for burning mixed oils, they concluded it cheaper to burn the oil sold by the operating company, which they are now doing.

The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand.

With the present mine equipment and development and full force of men this mine is capable of producing 700 tons per day.

This mine was reported last year as South Mine, No. 378 of the printed report.

R. W. EDMUNDS, Supt.

JOHN W. GAY, Mine Boss.

R. B. CASSADY, Gen. Mgr.

No. 423. *North Pick Mine*.—This mine is located on Fields Creek; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a 10-foot Thayer fan has been greatly improved during the past year, by building new doors and stoppings, and if this new line of brattice is continued on to the working faces, with other improvements which are now being made, it is only a matter of a very short time until this old mine will be up to the standard and complying with the law in all respects. The roof is fairly good. Drainage good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a fair quality.

Rules are kept posted and stretchers and safety lamp are kept on hand.

The second opening to this mine meets all the requirements of the law. With the present mine development and equipment and full force of men this mine is capable of producing 375 tons per day. This mine was reported last year as North Pick Mine, No. 379 of the printed report.

R. W. EDMUNDS, Supt.

W. H. STUART, Mine Boss.

R. B. CASSADY, Gen. Mgr.

No. 424. *North Machine Mine*.—This mine is located on Fields creek; is a drift opening operating the Winifrede coal on the double entry system.

The principal part of the work in this mine consists of robbing and for that reason the ventilation produced by a 7-foot Thayer fan is only fairly well conducted to the working faces. The roof is good, drainage fair. All powder is carried into this mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a fair quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as North Machine Mine, No. 380 of the printed report.

R. W. EDMUNDS, Supt.

W. H. STUART, Mine Boss.

R. B. CASSADY, Gen. Mgr.

No. 425. *West Mine*.—This mine is located on Fields Creek; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is fairly good. The roof is good. Drainage good.

All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. Rules are kept posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine, extended to May, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day.

This mine was reported last year as West Mine, No. 381 of the printed report.

R. W. EDMUNDS, Supt.

JNO. S. WILLIAMS, Mine Boss.

R. B. CASSADY, Gen. Mgr.

MALCOLM COAL COMPANY.

No. 426. *Malcolm Mine*.—This mine is located at Winifrede Jct., on the C. & O. R. R.; is a drift opening operating the Peerless Coal on the double entry system. The ventilation produced by a furnace is not good but a 7-foot fan is ordered for this mine and will be installed on its arrival. Roof is good; drainage fair. All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. This is a new mine and has only been shipping coal a short time.

With the present mine development and equipment and full force of men this mine is capable of producing 100 tons per day.

M. P. MALCOLM, Supt.

JAS. HEMMINGS, Mine Boss.

COALBURG COLLIERY COMPANY.

No. 427. *Ronda Mine*.—This mine is located three miles from Coalburg on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good except in a small portion of the mine known as No. 2, which is ventilated by natural causes and does not meet the requirements of the law, but at present this work is in a fault and if continued arrangements will be made at once for a better system of ventilation. It has been with much insistence on the part of the inspector that the operator and employes have complied with the law in regard to making break-throughs.

The roof in some sections of this mine is bad and dangerous but it is well timbered. Drainage at the faces is good, but along the haulways it is very bad. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality.

The second opening to this mine meets all the requirements of the law.

A map of the workings of this mine dated Sept. 28th, 1906, was furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 450 tons per day. This mine was reported last year as Ronda Mine, No. 382 of the printed report.

WM. DILS, Supt.

DAN MORRIS, Mine Boss.

J. B. LEWIS, Gen. Mgr.

DRY BRANCH COAL COMPANY.

No. 428. *Peerless or Dry Branch Mine No. 1*.—This mine is located on the Cabin Creek branch of the C. & O. R. R., two miles from Coalburg; is a drift opening operating the Peerless coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is fairly good. This mine has liberated a small per cent of marsh gas, but there has always been sufficient ventilation to render it harmless. The roof in this mine is good but if there is not better care taken of the pillars there will be a creep over the mine in the near future. Drainage is good. All powder is carried into the mines in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a fair quality. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated August 15, 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 175 tons per day. This mine was reported last year as Peerless Mine, No. 387 of the printed report.

J. H. CARTER, Supt.

HENRY VOIERS, Mine Boss.

J. B. LEWIS, Gen. Mgr.

No. 429. *Belmont or Dry Branch Mine No. 2*.—This mine is located on the Cabin Creek branch of the C. & O. R. R., two miles from Coalburg;

is a drift opening operating the Lewiston coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is fairly good but it has been with much insistence on the part of the inspector that breakthroughs be made according to law. In parts of the mine the roof is bad and dangerous but is well looked after. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a fair quality. Drainage is good. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated August 15, 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 450 tons per day. This mine was reported last year as Belmont Mine, No. 388 of the printed report.

J. H. CARTER, Supt.

R. M. ODELL, Mine Boss.

J. B. LEWIS, Gen. Mgr.

No. 430. *Coalburg or Dry Branch Mine No. 3.*—This mine is located on the Cabin Creek branch of the C. & O. R. R., two miles from Coalburg, is a drift opening operating the Coalburg coal on the double entry system. At time of last inspection of this mine the ventilation was bad and the management was asked to stop operation until a furnace could be built and properly fired, which was promptly done. The roof is only fair, but timbering is well looked after. Drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. A second opening to this mine is being made and only ten men are now employed. Rules are posted and stretchers and safety lamps are kept on hand. A map of the workings of this mine extended to July 22, 1905, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 70 tons per day. This mine was reported last year as Coalburg Mine, No. 389 of the printed report.

J. H. CARTER, Supt.

R. M. ODELL, Mine Boss.

J. B. LEWIS, Gen. Mgr.

WYATT COAL COMPANY.

No. 431. *Oakley Mine.*—This mine is located near Fairfield on the Cabin Creek branch of the C. & O. R. R., is a drift opening operating the Lewiston coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. Roof is good. Drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality. Stretchers and safety lamps are kept on hand. Rules are posted.

The second opening to this mine meets all the requirements of the law.

A map of the workings of this mine, dated January, 1906, was furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 300 tons per day. This mine was reported last year as Oakley mine, No. 393 of the printed report.

WM. LAING, Supt.

J. L. PERFATER, Mine Boss.

JOHN LAING, Gen. Mgr.

No. 432. *Berlin Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is good. The roof is good and drainage is fairly good for the amount of water generated in the mine.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a poor quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated February, 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Climax Mine, No. 394 of the printed report.

JOHN LAING, Gen. Mgr.

J. P. MARTIN, Mine Boss.

DAVID EVANDOLL, Supt.

No. 433. *South or Horton Mine No. 2*.—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good when cross-cuts are made according to law. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is a poor quality.

The roof is good and drainage fairly good. Rules are posted and stretchers and safety lamps are kept on hand. A map of the workings of this mine, dated January 1906, was furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 440 tons per day. This mine was reported last year as Horton Mine No. 2 No. 396 of the printed report.

A. W. LAING, Supt.

JAS. RAISBECK, Mine Boss.

JOHN LAING, Gen. Mgr.

No. 434. *North or Horton Mine No. 1*.—This mine is located on the Cabin Creek branch of the C. & O. R. R., is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by a fan is good. This mine caught fire from a defective furnace on Dec. 4th, 1905, and about four months later all entrances were closed and about the first of December 1906 the mine was opened and the fire was out, but the mine was very hot and it has taken considerable time for it to cool and for that reason very little work has been done during the past year except to move the slate and ashes from the roadways. The intense heat on the roof caused it to cave, in several places, to an extreme height.

but it is all being taken down or well timbered. In the near future this mine will be capable of producing 250 tons per day. This mine was reported last year as Horton No. 1 Mine, No. 395 of the printed report.

A. W. LAING, Supt.

JAS. RAISBECK, Mine Boss.

JOHN LAING, Gen. Mgr.

PERSINGER COAL COMPANY.

No. 435. *Wilton Mine.*—This mine is located on the Cabin Creek branch of the C. & O. R. R., is a drift opening operating the Cedar Grove coal on the double entry system. The ventilation produced by a fan is good. The roof is good; drainage fairly good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold by the operating company, which is of a fair quality. Rules are not posted nor stretchers or safety lamps kept at the mine, but the management promised to get them just as soon as they could be obtained. The management has made arrangements with the Wyatt Coal Company for electric power from their lines and the coal at this mine will be mined with the Sullivan Long Wall machine in the near future. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Wilton Mine, No. 397 of the printed report.

J. T. McALISTER, Supt.

C. H. McALISTER, Mine Boss.

WAKE FOREST MINING COMPANY.

No. 436. *Wake Forest Mine.*—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is fairly good. The roof in some parts of the mine is bad but timbering is well looked after. Drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law.

A map of the workings of this mine dated, April 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day.

This mine was reported last year as Wake Forest Mine, No. 402 of the printed report.

J. C. GRYMES, Supt.

JESSE GARDINER, Mine Boss.

THE HOLLEY AND STEPHENSON COAL AND COKE COMPANY.

No. 437. *Holley and Stephenson No. 2.*—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. Roof is good. Drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality.

Rules are not posted. Stretchers and safety lamps are kept on hand.

The second opening to this mine is a door beside the fan and meets the requirements of the law, until a better one can be made. A map of the workings of this mine dated Feb'y. 22nd, 1907 has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 375 tons per day. This mine was reported last year as Holley and Stephenson Mine No. 2, No. 403 of the printed report.

F. H. McCLUNG, Supt.

J. M. McDONOUGH, Mine Boss.

No. 438. *Holley and Stephenson Mine No. 5.*—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the Lewiston coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good when cross cuts are made according to law.

Overcasts are being put in this mine, which will afford a separate split of air for each pair of entries. Roof is good except in some parts of the mine there is a very heavy draw slate which must be taken down as the coal is taken out. Drainage is fairly good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are kept on hand. The second opening to this mine is a door beside the fan. A map showing the workings of this mine dated Feb'y. 23, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Holley and Stephenson Mine No. 5, No. 404 of the printed report.

F. H. McCLUNG, Supt.

J. C. EASTHAM, Mine Boss.

No. 439. *Holley and Stephenson Mine No. 1.*—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a fan is good. Roof is good, except a bad draw slate. Drainage is good. All powder is taken into the mine in cans of five pounds capacity. Very little work has been done in this mine during the past year and at the close of the year only three men were employed inside the mine.

With present mine development and equipment and full force of men this mine is capable of producing 75 tons per day. This mine was reported last year as Holley and Stephenson Mine No. 1, No. 405 of the printed report.

F. H. McCLUNG, Supt.

FRANK CLENDENIN, Contractor.

HARRISON HALL, Mine Boss.

No. 440. *Holley and Stephenson Coalburg Mine.*—This mine was worked in connection with the No. 5 Mine but in the Coalburg coal, which got very thin and the entire mine was abandoned.

This mine was reported last year as Coalburg Mine, No. 406 of the printed report.

F. H. McCLUNG, Supt.

LA MONT MINING COMPANY.

No. 441. *La Mont Mines Nos. 1 and 2.*—These mines are located on the Cabin Creek branch of the C. & O. R. R; are drift openings operating the No. 2 Gas coal.

Very little work has been done in these mines during the past year but preparations are now being made to resume work in the No. 2 Mine. The ventilation is produced by a 4-foot Thayer fan and is fairly good. Drainage good. Roof good.

These mines were reported last year as La Mont Mines Nos. 1 and 2, No. 410 of the printed report.

PAUL L. JAMES, Supt.

LOGAN LINVILLE, Mine Boss.

No. 442. *La Mont Mine No. 3.*—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the Lewiston coal on the double entry system. At time of last inspection of this mine the ventilation produced by a furnace and a 7-foot Thayer fan was not good owing to the bad condition of doors and stoppings. The management was notified to stop a part of the workings, until the mine could be put in condition so as to comply with the law, which was promptly done. All powder is taken into the mine in cans of five pounds capacity. The employes now burn the oil sold by the operating company which is of a poor quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, January 15, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 325 tons per day. This mine was reported last year as La Mont No. 3 Mine, No. 411 of the printed report.

PAUL L. JAMES, Supt.

W. T. GOSNAY, Mine Boss.

CARBON COAL COMPANY.

No. 443. *North Carbon Mine.*—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 7-foot Stine fan has always been found good. The roof is good. Drainage good. All powder is taken into this mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. Stretchers and safety lamp are kept on hand. Rules are posted. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated, March 1907, has been furnished this office. Owing to a thick middle slate in the coal in this mine, it was thought at one time that the entire mine would be abandoned, but now the slate in the main entries is thin and the prospects are bright, for a good mine. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as North Mine, No. 413 of the printed report.

C. A. CABELL, Gen. Mgr.

J. T. BALDWIN, Mine Boss.

No. 444. *South Carbon Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by two 7-foot Stine fans is good. The roof is good. This mine is dry throughout which necessitates watering to allay the dust and I have always found that it was regularly done. All powder is carried into this mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a fair quality. Rules are kept posted; stretchers and and safety lamps are kept at the mine.

The second openings to this mine meets all the requirements of the law. A map showing the workings of this mine dated, March 1907, was furnished this office. The General Manager of this, as well as the Republic and West Virginia Companies, is a thorough up to date coal man, and is always ready to discuss and adopt any new plans or ideas which will promote the conditions of his mines or employes. With the present mine development and equipment and full force of men this mine is capable of producing 1000 tons per day. This mine was reported last year as South Mine, No. 412 of the printed report.

FRANK HOMAN, Supt.

LEE JENKINS, Mine Boss.

C. A. CABELL, Gen. Mgr.

No. 445. *No. 3 or Carbon Mine No. 5*.—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. Roof is good except a bad draw slate, which is fairly well looked after. Drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated, March 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as No. 5 Mine, No. 414 of the printed report.

FRANK HOMAN, Supt.

LEE JENKINS AND

C. A. CABELL, Gen. Mgr.

JAS. CALVERT, Mine Bosses.

REPUBLIC COAL COMPANY.

No. 446. *Republic Mine No. 1*.—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 7-foot Stine fan is fairly good. Roof in some parts of this mine is very bad and dangerous, but timbering is well looked after. Drainage is good and in some sections of the mine it is dry and dusty which necessitates watering to allay the dust and I have always found it regularly done. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a fair quality. Rules are posted and stretchers and safety lamps are

kept on hand. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated, March 1907, was furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as No. 1 Mine, No. 415 of the printed report.

FRANK HOMAN, Supt.

OWEN MEADOWS, Mine Boss.

C. A. CABELL, Gen. Mgr.

No. 447. *Republic Mine No. 2.*—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a fan is good. Roof is good. This mine is dry throughout, which necessitates watering to allay the dust, which the management has instructions from the inspector to keep properly done. All powder is taken into the mine in cans of five pounds capacity. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, March 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as No. 2 Mine, No. 416 of the printed report.

FRANK HOMAN, Supt.

H. J. WILLS, Mine Boss.

C. A. CABELL, Gen. Mgr.

No. 448. *Republic Mine No. 3.*—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation is produced by a 7-foot Stine fan is good. Roof is good. This mine is dry and dusty throughout which necessitates watering to allay the dust, which instructions the management has from the inspector to keep properly done. All powder is carried into the mine in cans of five pounds capacity. The employees burn the oil sold them by the operating company, which is of a fair quality. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, March 1907, has been furnished this office. This mine was reported last year as Mine No. 3, No. 417 of the printed report.

With present mine development and equipment and full force of men this mine is capable of producing 200 tons per day.

FRANK HOMAN, Supt.

J. L. WINKLER, Mine Boss.

C. A. CABELL, Gen. Mgr.

WEST VIRGINIA COLLIERY COMPANY.

No. 449. *West Virginia Mine No. 1.*—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a ten-foot Thayer fan is fairly good. Roof is good. Drainage good. All powder is taken into the mine in cans of five pounds capacity. The employees burn the oil sold them by the operating company, which is of a fair

quality. Rules are posted and stretchers and safety lamps are kept on hand.

The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated, March 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 800 tons per day.

This mine was reported last year as Mine No. 1, N. 418 of the printed report.

JOHN HOLMES Supt.

GEO. BUCKLE, Mine Boss.

C. A. CABELL, Gen. Mgr.

No. 450. *West Virginia Mine No. 2.*—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. This mine is ventilated by a 10-foot Stine fan, but at time of last inspection some of the machinery was broken and the fan was not in operation. There is a good volume of air going through the mine from natural causes but owing to the bad condition of doors and stoppings it does not reach the working places. The General Manager assured me that the doors and stoppings would be repaired and the fan put in operation at once. The roof in this mine is bad and dangerous and the management has been officially notified to see that proper timber is set and all loose hanging slate is taken down. Drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law.

A map showing the workings of this mine dated, March 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 300 tons per day. This mine was reported last year as No. 2 Mine, No. 419 of the printed report.

K. D. QUARRIER, Supt.

D. F. WORKMAN, Mine Boss.

C. A. CABELL, Gen. Mgr.

No. 451. *West Virginia Mine No. 3.*—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the Coalburg coal on the double entry system. This is a new mine and will consist of several openings when completed. The ventilation is produced by natural causes but fans will be installed soon as practicable. Drainage is fairly good. Roof is good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is not of a good quality. Rules are posted but stretchers and safety lamps are not kept at the mine.

With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day.

This mine was reported last year as No. 3 Mine, No. 420 of the printed report.

K. D. QUARRIER, Supt.

C. L. PETTY, Mine Boss.

C. A. CABELL, Gen. Mgr.

No. 452. *West Virginia No. 4 Mine.*—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. This is a new mine and consists of five separate drifts, which are ventilated by natural causes. One or two fans will be installed soon as practicable. Some of the workings are going to the dip and generate water.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold by the operating company, which is not of a good quality. Rules are posted but stretchers and safety lamps are not kept at the mine.

Began shipping coal July 1st, 1907, and with the present mine development and equipment and full force of men is capable of producing 100 tons per day. This mine was reported last year as No. 4 Mine, No. 420 of the printed report.

K. D. QUARRIER, Supt.

ROBERT WALKER, Mine Boss.

C. A. CABELL, Gen. Mgr.

CABIN CREEK CONSOLIDATED COAL COMPANY.

No. 453. *Acme Mine.*—This mine is located at Acme on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. This mine has not been in operation for the past three months but it is the intention of the company to resume work in the near future. The ventilation produced by an 8-foot Thayer fan was fairly good for the small number of men that were employed. Roof was good and drainage good. Rules were posted. A map of the workings of this mine dated, January 1, 1907, was furnished this office.

This mine was reported last year as Acme Mine, No. 383 of the printed report.

M. W. MURPHY, Supt.

C. E. FOSTER, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 454. *Keystone Mine.*—This mine is located at Acme on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the the No. 2 Gas coal on the double entry system. The ventilation produced by a fan has always been found fairly good. In some sections of this mine it is dry and dusty and necessitates wetting to allay the dust, which is regularly done. Roof and drainage are good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a poor quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated, January 1907, was furnished this office. With the present mine development and equipment and full force of men

this mine is capable of producing 500 tons perday. This mine was reported last year as Keystone Mine No. 384 of the printed report.

M. W. MURPHY, Supt.

JOHN T. SCOTT, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 455. *Empire Mine*.—This mine is located at Acme on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the the No. 2 Gas coal on the double entry system. The ventilation produced by a 7-foot Thayer fan has been much improved in the past few months and can be made better by moving the fan to a larger opening or increase the size of the present one, which the management assured me would be done. In some parts of the mine it is dry and dusty, which necessitates watering to allay the dust which has always been regularly done. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a poor quality. Rules are posted and stretchers and safety lamps are kept on hand. A map of the workings of this mine dated, June 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 350 tons per day.

This mine was reported last year as Empire Mine No. 385 of the printed report.

M. W. MURPHY, Supt.

SUTTON STANLEY, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 456. *Buckeye Mine*.—This mine is located at Acme on the Cabin Creek brach of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. This is a new mine and has been shipping coal only a short time. The ventilation produced by natural causes is fairly good for the small number of men employed. It is the intention of the management to install a fan soon as practicable. This mine was opened in a break from the mountain and the roof is not good but it is well timbered. Drainage is fairly good. All powder is kept on the outside of the mine. The employes burn the oil sold them by the operating company which is of a poor quality.

With the present mine development and equipment and full force of men this mine is capable of producing 50 tons per day.

M. W. MURPHY, Supt.

W. S. HOLMES, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 457. *Shamrock Mine*.—This mine is located at Kayford on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the the double entry system. The ventilation produced by a fan is only fair owing to the bad condition of the doors and stoppings. Roof is good. Drainage fair.

All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a poor quality. The second opening to this mine meets all the requirements of the law.

A map of the workings of this mine extended to June 1907, was furnished

this office. Rules are kept posted but stretchers and safety lamps are not kept at the mine. With the present mine development and equipment and full force of men this mine is capable of producing 600 tons per day. This mine was reported last year as Shamrock Mine, No. 386 of the printed report.

CHARLES HENDRIE, Supt.

J. A. BRAGG, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 458. *Belleclare Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 10-foot Crawford and McCrimmon fan, is fairly good. Some parts of this mine are very dry and dusty, which necessitates watering to allay the dust, and I have always found it regularly done. The drainage is good. Roof is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality. Rules are kept posted and stretchers and safety lamps are kept on hand. A map of the workings of this mine dated, May 1907, was furnished this office. The second opening to this mine meets all the requirements of the law. With the present mine development and equipment and full force of men this mine is capable of producing 350 tons per day.

This mine was reported last year as Belleclare Mine, No. 390 of the printed report.

A. P. SHERER, Supt.

JOE FILKINS, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 459. *Ruby Mine*.—This mine is located at Decota on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by natural causes is only fair but the management has promised to install a fan at this mine in the near future. Roof is good except a bad draw slate which generally comes down as the coal is taken from under it. Drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a poor quality. Rules are kept posted and stretchers are kept at the mine but safety lamps are not at the mine. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated June 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 200 tons per day. This mine was reported last year as Ruby Mine, No. 391 of the printed report.

A. P. SHERER, Supt.

JOHN PETRY, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 460. *Decota Mine*.—This mine is located at Decota on the Cabin Creek branch of the C. & O. R. R. This mine was idle all the year and from the best information I could get this company has abandoned it.

Was reported last year as Decota Mine, No. 392 of the printed report.

A. P. SHERER, Supt.

M. T. DAVIS, Gen. Mgr.

No. 461. *Holly Mine*.—This mine is located near Leewood on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a fan is fairly good. Roof is good and drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold by the operating company, which is of a fair quality. Rules are posted and stretchers and safety lamps are kept on hand. A map of the workings of this mine dated May 1907 has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 450 tons per day. This mine was reported last year as Holly Mine, No. 398 of the printed report.

H. L. FISHER, Supt.

JAMES TURNER AND

M. T. DAVIS, Gen. Mgr.

T. J. GOSNEY, Mine Bosses.

No. 462. *Quarrier Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is fairly good. In some parts of this mine the roof is bad but timbering is well looked after. The principal part of this mine is dry throughout which necessitates watering to allay the dust, which has been regularly done. All powder is taken into the in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. Rules are posted and stretchers and safety lamps are kept on hand. A map of the workings of this mine dated June 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 425 tons per day. This mine was reported last year as Quarrier Mine, No. 399 of the printed report.

H. L. FISHER, Supt.

J. W. BRANHAM, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 463. *Red Warrior Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is only fair owing to the bad condition of doors, stoppings and air ways. The roof is bad and dangerous but timbering is well looked after. Owing to the amount of water this mine generates, drainage is only fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand. A map of the workings of this mine extended to June 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Red Warrior Mine, No. 400 of the printed report.

J. B. RAMAGE, Supt.

Wm. McBRIDE AND

M. T. DAVIS, Gen. Mgr.

J. W. GAY, Mine Bosses.

No. 464. *Cherokee Mine*.—This mine is located at Leewood on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by an 8-foot Thayer fan does not comply with the law, owing to the bad condition of airways, doors and stoppings. The superintendent's attention was called to the deficiencies and he assured me that this mine would be put in condition so as to comply with the law, at once. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality. Roof is fairly good; drainage is good at the faces but is poor along haulways. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand.

A map of the workings of this mine dated June 1907 has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 300 tons per day. This mine was reported last year Cherokee Mine, No. 401 of the printed report.

J. B. RAMAGE, Supt.

J. G. VAUGHAN, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 465. *Davis Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the Lewiston coal on the double entry system. The ventilation produced by two fans is good. Roof is good. Drainage fairly good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a fair quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated June 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 325 tons per day. This mine was reported last year as Davis Mine, No. 407 of the printed report.

ROBERT E. THOMPSON, Supt.

ROBERT E. THOMPSON, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 466. *Caledonia Mine*.—This mine is located near Leewood on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a fan is good. The roof in some parts of this mine is bad and dangerous but it is well timbered and all loose slate is promptly taken down. Drainage is fairly good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated, May 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Caledonia Mine, No. 408 of the printed report.

J. B. RAMAGE, Supt.

ALEX STOVER, Mine Boss

M. T. DAVIS, Gen. Mgr.

No. 467. *Thistle Mine*.—This mine is located at Kayford on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by a 10-foot Thayer fan is good. This mine is dry and in some parts is dusty, which necessitates watering to allay the dust and I have always found it regularly done. The roof is good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality. Stretchers and safety lamps are kept on hand. Rules are posted. The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated June 13, 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 450 tons per day. This mine was reported last year as Thistle Mine, No. 409 of the printed report.

CHARLES HENDRIE, Supt.

M. DARBY, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 468. *Rose Mine*.—This mine is located at Kayford on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the Coal-burg coal on the double entry system. The ventilation produced by two furnaces is good when cross cuts are made according to law. Roof is good. Drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is a poor quality. Rules are posted but stretchers and safety lamps are not kept on hand.

A map showing the workings of this mine dated January 31st, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 175 tons per day.

This mine was reported last year as Royal Splint Mine, No. 425 of the printed report.

CHARLES HENDRIE, Supt.

Wm. HOLMES, Mine Boss.

M. T. DAVIS, Gen. Mgr.

No. 469. *Raccoon Mine*.—This mine is located at Kayford on the Cabin Creek branch of the C. & O. R. R; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by 10-foot and 6-foot Thayer fans is good. The roof in some parts of this mine is bad and dangerous but timbering is well looked after. Drainage is fair.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company, which is of a poor quality. Rules are posted and stretchers and safety lamps are kept near the mine.

The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine, dated June 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 450 tons per day. This

mine was reported last year as Raccoon Fork Mine, No. 421 of the printed report.

CHARLES HENDRIE, Supt.
M. T. DAVIS, Gen. Mgr.

D. R. JOHNSON, Mine Foreman.

No. 470. *United Gas Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation, produced by a 7-foot Thayer fan, does not comply with the law, but new air ways are being made and a larger fan will be installed as soon as possible.

The roof in this mine is very bad and dangerous but timbering is well looked after. Drainage is fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold by the operating company which is of a poor quality. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand.

A map showing the workings of this mine dated June, 1907, has been filed at this office.

With the present mine development and equipment and full force of men this mine is capable of producing 500 tons per day.

This mine was reported last year as United Gas Mine, No. 422 of the printed report.

A. P. SHERER, Supt.
M. T. DAVIS, Gen. Mgr.

G. L. MORAN, Mine Boss.

No. 471. *United Splint Mine*.—This mine is located on the Cabin Creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by a furnace is good in one side of the mine but poor in the other, to the extent that the company was notified by the inspector to stop all work except two places which were being driven for air. Drainage is good. Roof is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company which is of a poor quality. Rules are not posted nor stretchers and safety lamps kept at the mine.

This is a new mine and began shipping coal during the past year and with the present mine development and equipment and full force of men this mine is capable of producing 125 tons per day.

This mine was reported last year as United Splint Mine, No. 423 of the printed report.

A. P. SHERER, Supt.
M. T. DAVIS, Gen. Mgr.

D. S. HOLMES, Mine Boss.

No. 472. *Kayford Mine*.—This mine is located at Kayford on the Cabin Creek branch of the C. & O. R. R.; are drift and slope openings operating the No. 2 Gas coal on the double and triple entry system. The ventilation produced by two fans is fair. Some parts of this mine are very dry and dusty which necessitates watering to allay the dust, which the management has been notified by the inspector to keep regularly done.

Drainage is good. Roof good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold by the operating company which is of a poor quality. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine, dated June, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 850 tons per day. This mine was reported last year as Cabin Creek Mine, No. 424 of the printed report.

CHARLES HENDRIE, Supt.

EDWARD BARRASS, Mine Boss.

M. T. DAVIS, Gen. Mgr.

COALBURG-KANAWHA COAL COMPANY.

No. 473. *Klondike Mine*.—This mine is located at Coalburg on the C. & O. R. R.; is a drift opening operating the Cedar Grove coal on the double entry system. The ventilation produced by a furnace was fair.

Drainage and roof were good.

All powder was taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules were posted and stretchers and safety lamps were kept on hand. The second opening to this mine met all the requirements of the law. A map showing the workings of the mine dated August, 1906, was furnished this office.

This mine has been idle for the past three months and I could not learn when it would resume operation.

This mine was reported last year as Klondike Mine, No. 426 of the printed report.

J. A. WILLIS, Supt.

JOHN CARY, Mine Boss.

No. 474. *No. 5 Mine*.—This mine is located at Coalburg on the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is good. Owing to the amount of water generated in the mine the drainage is bad. The roof in this mine is bad and dangerous, but timbering is well looked after. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated August, 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 240 tons per day. This mine was reported last year as No. 5 Mine, No. 427 of the printed report.

J. A. WILLIS, Supt.

JOHN BURGRAPH, Mine Boss

No. 475. *No. 6 Mine*.—This mine is operated in connection with the No. 5 mine, but in the No. 5 coal, and consists of four entries which are being driven to test the seam of coal.

The ventilation produced by natural causes is fair. Drainage fair and roof good. This is a new mine and has only been shipping coal a very short time.

J. A. WILLIS, Supt.

T. F. NEYLAN, Mine Boss.

No. 476. *Lewiston or Blue Hole Mine*.—This mine is worked in connection with the No. 5 mine but has been idle almost the entire year and it could not be learned when it would resume operation. This mine was reported last year as Bule Hole Mine, No. 428 of the printed report.

J. A. WILLIS, Supt.

JOHN BURGRAPH, Mine Boss.

BELMONT COAL COMPANY.

No. 477. *Lewiston Mine*.—This mine is operated in connection with the New Coalburg mine and the work consists of a very few men robbing the mine; is a drift opening operating the Lewiston coal.

The ventilation produced by an 8-foot Thayer fan is fair.

The roof is good and sufficient timber is furnished the miners. Drainage is fair. All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. A map of the workings of this mine dated December, 1906, was furnished this office.

With the present workings and full force of men this mine is capable of producing 75 tons per day.

This mine was reported last year as Lewiston Mine No. 429 of the printed report.

E. M. McCONIHAY, Supt.

EDWARD HOPE, Mine Boss.

No. 478. *Coalburg or Belmont Mine No. 3*.—This mine is located at Crown Hill on the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by natural causes is fair.

The work consists of robbing. The roof is fair and sufficient timber is furnished the mines. The drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand.

A map showing the workings of this mine dated December, 1906, was furnished this office. With the present workings and a full force of men this mine is capable of producing 100 tons per day. This mine was reported last year as Belmont Mine No. 3, No. 430 of the printed report.

E. M. McCONIHAY, Supt.

EDWARD HOPE, Mine Boss.

No. 479. *New Coalburg Mine*.—This mine is located on the head waters of Dry Branch, and its products are handled over a tippie at Crown Hill on the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is good. The roof is good. Drainage fair.

All powder is carried into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated December, 1906, has been fur-

nished this office. With the present development and equipment and full force of men this mine is capable of producing 450 tons per day.

This mine was reported last year as New Coalburg Mine, No. 431 of the printed report.

E. M. McCONIHAY, Supt.

EDWARD HOPE, Mine Boss.

EQUITABLE COAL COMPANY.

No. 480. *No. 8 or Coalburg Mine.*—This mine is located at Crown Hill on the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system.

The ventilation produced by a 7-foot Thayer fan is fair when doors and stoppings are kept in repair. Roof is fair. Drainage fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are now kept on hand. The second opening to this mine meets all the requirements of the law. A map of this mine showing all the workings to October, 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Equitable No. 5 Mine, No. 432 of the printed report.

G. W. BROWN and E. S. BREWER, Supts. HARRY CONWAY, Mine Boss.

SOUTHWESTERN SPLINT FUEL COMPANY.

No. 481. *Black Cat Mine.*—This mine is located near Crown Hill on the C. & O. R. R.; is a drift opening operating the Lewiston coal on the double entry system. The ventilation produced by a fan set inside the mine is fair. The roof is fair; drainage fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law.

A map of this mine showing all the workings to November 17, 1906, has been furnished this office. With the present development and equipment and full force of men this mine is capable of producing 210 tons per day. This mine was reported last year as Black Cat Mine, No. 433 of the printed report.

W. E. DIAL, Supt.

DAN HUDNALL, Mine Boss.

PAINT CREEK COLLIERIES COMPANY.

No. 482. *Reynolds Mine.*—This mine is located on Brier Creek, a tributary of Coal River; is a drift opening, operating the Black Band coal on the double entry system. The ventilation produced by a furnace is not good but a fan has been ordered for this mine.

Roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company.

Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the

law. A map showing the workings of this mine dated April, 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 350 tons per day. This mine was reported last year as Reynolds Mine, No. 462 of the printed report.

J. R. MUCKLOW, Supt.

WM. CLENDENIN, Mine Boss.

W. W. MUCKLOW, Gen. Mgr.

No. 483. *Knickerbocker Mine*.—This mine is located on Brier creek, a tributary of Coal River; is a drift opening, operating the Black Band coal on the double entry system. The ventilation, produced by three furnaces is good. The roof in some parts of this mine is bad but timbering is well looked after. Drainage is good.

All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 300 tons per day. This mine was reported last year as Knickerbocker Mine, No. 463 of the printed report.

J. R. MUCKLOW, Supt.

THOS. YOUNG, Mine Boss.

W. W. MUCKLOW, Gen. Mgr.

No. 484. *Scranton Mine*.—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by a 10-foot Crawford and McCrimmon fan has always been found good. The roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 700 tons per day. This mine was reported last year as Scranton Splint mine, No. 434 of the printed report.

JOHN GREENE, Supt.

JOHN COX, Mine Boss.

W. W. MUCKLOW, Gen. Mgr.

No. 485. *Paint Creek Mine*.—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening, operating the Coalburg coal on the double entry system. The ventilation, produced by a 10-foot Thayer fan has been found to be good. The roof in some parts of this mine is bad and dangerous but timbering is well looked after. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company.

Drainage along some of the haulways is bad but it is good at the faces.

The second opening to this mine meets all the requirements of the law. A map of the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 800 tons per day.

This mine was reported last year as Paint Creek Mine, No. 435 of, the printed report.

JOHN GREENE, Supt.

THOMAS BURKE, Mine Boss.

W. W. MUCKLOW, Gen. Mgr.

No. 486. *Grose Mine No. 1.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening, operating the No. 1 or Eagle coal on the double entry system. The ventilation, produced by two furnaces is good. Parts of this mine are dry, which necessitates watering to allay the dust and the management has been notified by the inspector to keep it properly done. The roof is good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold by the operating company. A map of the workings of this mine dated April, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day.

This mine was reported last year as Grose No. 1 Mine, No. 436 of the printed report.

JOHN STEWART and C. W. ROGERS, Supts.

W. W. MUCKLOW, Gen. Mgr.

JAMES JACKSON and J. W. RHODES, Mine Bosses.

No. 487. *Grose Mine No. 2.*—This mine is worked in connection with the Grose Mine No. 1; is a drift opening, operating the Powellton coal on the double entry system. The ventilation produced by a furnace is good. The roof is good. The mine is dry throughout which necessitates watering to allay the dust which the management has been notified to keep properly done. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are posted. A map showing the workings of this mine, dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Grose No. 2 Mine, No. 437 of the printed report.

JOHN STEWART and C. W. ROGERS, Supts.

W. W. MUCKLOW, Gen. Mgr.

J. W. RHODES, Mine Boss.

No. 488. *Greenbrier Mine No. 2.*—This mine is located on the Paint creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by an 8-foot fan is good. The roof is good. Parts of this mine are very dry and dusty, which necessitates watering to allay the dust which the management has been notified to keep properly done. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets

all the requirements of the law. A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine equipment and development and full force of men this mine is capable of producing 400 tons per day.

This mine was reported last year as Greenbrier No. 2 Mine, No. 438 of the printed report.

JOHN STEWART and C. W. ROGERS, Supts.

W. W. MUCKLOW, Gen. Mgr.

P. T. BERRY, Mine Boss.

No. 489. *Greenbrier Mine No. 3.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold by the operating company. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated April, 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 350 tons per day.

This mine was reported last year as Greenbrier mine No. 3, No. 439 of the printed report.

JOHN STEWART and C. W. ROGERS, Supts.

W. W. MUCKLOW, Gen. Mgr.

P. T. BERRY and LEE PATRICK, Mine Bosses.

No. 490. *Wacomah Mine.*—This mine is located on the Paint Creek Branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. Roof is good. Owing to the amount of water liberated in the mine, drainage is not good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine extended to April, 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 500 tons per day. This mine was reported last year as Wacomah Mine, No. 440 of the printed report.

JOHN GREENE, Supt.

HARRY JOHNSON, Mine Boss.

W. W. MUCKLOW, Gen. Mgr.

No. 491. *Detroit Mine No. 1.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the No. 1 or Eagle Coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. The roof is good. This mine is dry throughout and a pipe line is laid through the mine to water the dry and dusty parts and allay the accumulation of dust. The coal in this mine is mined with air machines. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening is a door beside the fan and answers in that

capacity until a better one can be made. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated April 1907, has been furnished this office.

This mine was reported last year as Detroit No. 1 mine, No. 446 of the printed report.

With the present mine development and equipment and full force of men this mine is capable of producing 200 tons per day.

JOHN STEWART and C. W. ROGERS, Supts.

W. W. MUCKLOW, Gen. Mgr.

FLOYD DILLON and ELBIN CARROW, Mine Bosses.

No. 492. *Morton Mine No. 1.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the No. 1 Gas or Eagle coal on the double entry system. The ventilation produced by two furnaces is not good and the management was notified to install a better system. The roof in parts of this mine is very bad and dangerous but timbering is well looked after. Drainage is fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Morton No. 1 Mine, No. 441 of the printed report.

JOHN STEWART and C. W. ROGERS, Supts.

W. W. MUCKLOW, Gen. Mgr.

ELBIN CARROW, Mine Boss

No. 493. *Nuckolls Mine.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system. The ventilation produced by furnaces is not good and the management has been notified to install a better system. Roof is good.

This mine is dry throughout, which necessitates watering to allay the dust, and the management has been notified to keep it properly done. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamp are kept on hand. The second opening to this mine meets all the requirements of the law. A map of this mine showing all workings to April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 300 tons per day. This mine was reported last year as Nuckolls Mine, No. 443 of the printed report.

JOHN STEWART and C. W. ROGERS, Supts.

W. W. MUCKLOW, Gen. Mgr.

DAN KELLY, Mine Boss.

No. 494. *Banner Mine No. 1.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation is produced by an 8-foot Thayer fan and is good. Roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 450 tons per day. This mine was reported last year as Banner No. 1 Mine, No. 444 of the printed report.

JOHN GREENE, Supt.

D. L. WATERS, Mine Boss.

W. W. MUCKLOW, Gen. Mgr.

No. 495. *Banner Mine No. 2.*—This mine is located on the Paint Creek branch of the C. & O. R. R., and worked in connection with the No. 1 Mine; is a drift opening and operates the Lewiston coal on the double entry system. The ventilation produced by a furnace is fair. The roof in some parts of this mine is not good but timbering is well looked after. Drainage is good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. At time of last inspection of this mine a second opening was being made and 20 men were not working inside the mine. A map of this mine showing the workings to April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Banner No. 2 Mine, No. 445 of the printed report.

JOHN GREENE, Supt.

D. L. WATERS, Mine Boss.

W. W. MUCKLOW, Gen. Mgr.

STANDARD SPLINT AND GAS COAL COMPANY.

No. 496. *Standard Mine.*—This mine is located on the Paint creek branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by an 8-foot Stine fan is good. The roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand.

The second opening to this mine meets all the requirements of the law.

A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 800 tons per day. This mine was reported last year as Standard Mine, No. 448 of the printed report.

J. A. STRAUGHAN, Supt.

EDWARD FOSTER, Mine Boss.

W. S. WOOD, Gen. Mgr.

IMPERIAL COLLIERY COMPANY.

No. 497. *Imperial Mine No. 1.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the No. 1 Gas or Eagle coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is fair. The roof in this mine is bad and dangerous but timbering is well looked after. Drainage is fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated April 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as No. 1 Mine, No. 449 of the printed report.
QUINN MORTON, Supt. THOS. SEACRIST, Mine Boss.

No. 498. *Imperial Mine No. 2.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the No. 1 Gas or Eagle coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is fair. Roof is good. Owing to the amount of water liberated in this mine drainage is not good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law.

A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as No. 2 mine, No. 450 of the printed report.
QUINN MORTON, Supt.

CLAYTON CRICKMER and C. B. JOHNSON, Mine Bosses.

No. 499. *Imperial Mine No. 3.*—This mine is located on the Paint Creek branch of the C. & O. R. R.; is a drift opening operating the No. 1 Gas or Eagle coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. Roof is good; drainage good.

All powder is carried into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated April, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 225 tons per day. This mine was reported last year as No. 3 Mine, No. 451 of the printed report.
QUINN MORTON, Supt. H. G. HOWELL, Mine Boss.

CHESAPEAKE MINING COMPANY.

No. 500. *Chesapeake Mine No. 1.*—This mine is located near Handley

on the C. & O. R. R.; is a drift opening operating the Kanawha coal on the double entry system.

The ventilation produced by a 10-foot Thayer fan was not good at time of last inspection and management was notified to put the mine in such condition that it would comply with the law.

The roof is fair and drainage good.

All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand.

The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine, dated October 10, 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 350 tons per day. This mine was reported last year as Chesapeake No. 1 Mine, No. 452 of the printed report.

R. C. LEWIS, Supt

ALEXANDER THOMPSON, Mine Boss.

J. B. LEWIS, Gen. Mgr.

No. 501. *Chesapeake Mine No. 2.*—This mine is located at Handley on the C. & O. R. R.; is a drift opening operating the No. 2 Gas coal on the double entry system.

The ventilation produced by an 8-foot Thayer fan is fair. A very small per cent. of marsh gas was found at some of the advance headings, but is kept clear by a good circulation of air. The roof in this mine is good. Drainage at the faces is good, but along some of the haulways is bad. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules were posted and stretchers and safety lamps on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated Nov. 15, 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day.

This mine was reported last year as Chesapeake No. 2 Mine, No. 453 of the printed report.

R. C. LEWIS, Supt.

GEO. WALKER, Mine Boss.

J. B. LEWIS, Gen. Mgr.

No. 502. *Chesapeake Mine No. 3.*—This mine is located at Handley on the C. & O. R. R.; is a drift opening operating the Coalburg coal on the double entry system. The ventilation produced by four temporary furnaces is not good and the management was notified to install a better system. The roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted nor stretchers or safety lamps kept at the mine. This mine consists of several openings. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Chesapeake No. 3 Mine, No. 454 of the printed report.

R. C. LEWIS, Supt.

GEO. WALKER, Mine Boss.

J. B. LEWIS, Gen. Mgr.

MONTGOMERY COAL COMPANY.

No. 503. *Kanawha or Montgomery Mine*.—This mine is located near Handley on the C. & O. R. R.; is a drift opening and operating the Kanawha coal on the double entry system. The ventilation produced by two fans, one 7-foot and one four foot, is fair. The roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company.

Rules are posted and stretchers and safety lamp are kept on hand.

The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine to May, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 300 tons per day. This mine was reported last year as Montgomery Mine, No. 455 of the printed report.

S. H. MONTGOMERY, Supt.

S. P. JOHNSON, Mine Boss.

RALEIGH COUNTY.

BIG COAL COMPANY.

No. 531. *Dorothy Mine*.—This mine is located near Lawson on a branch of the C. & O. R. R.; is a drift opening operating the Coalburg coal on the triple entry system. The ventilation produced by a furnace is fair. Drainage fair. Roof is good.

The second opening to this mine meets all the requirements of the law.

This is a new mine and will not be ready to ship coal before November, 1907.

CHARLES E. SANDBERG, Supt.

ROBT. KIRK, Mine Boss.

LINCOLN COUNTY.

ROCHESTER COAL COMPANY.

No. 561. *Rochester Mine*.—This mine is located on the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Kanawha coal on the double entry system.

The ventilation produced by natural causes was fair. Drainage good; roof good. Very little work has been done at this mine during the past year and at time of last inspection only four men were employed inside the mine.

This mine was reported last year as Rochester Mine No. 520 of the printed report.

P. H. GRELLÉ, Supt.

CHARLES ESTEP, Mine Boss.

BRANCHLAND COAL COMPANY.

No. 562. *Lincoln No. 1 Mine*.—This mine is located on the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Kanawha

coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated December, 1903, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 200 tons per day. This mine was reported last year as Lincoln No. 1 Mine, No. 521 of the printed report.

J. W. LOCKWOOD and G. W. COYLE, Supts.

LON REEVES, Mine Boss.

No. 563. *Brown City Mine*.—This mine is located on the Guyan Valley branch of the C. & O. R. R.; is a drift opening and operates the Kanawha coal. This mine has been idle during the entire past year.
J. W. LOCKWOOD and G. W. COYLE, Supts.

EDEN PARK COAL COMPANY.

No. 564. *Eden Park Mine*.—This mine is located on the Guyan Valley branch of the C. & O. R. R.; is a drift opening and operates the Kanawha coal.

This mine has been idle the entire past year. Was reported last year as Eden Park Mine, No. 523 of the printed report.
F. D. CALDWELL, Pres.

LOGAN COUNTY.

THE MONITOR COAL AND COKE COMPANY.

No. 565. *Monitor No. 1 and Beechwood Mine*.—This mine is located on Island Creek near Logan; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by two Stine fans is good. Roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated January 8th, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 500 tons per day. This mine was reported last year as Monitor and Beechwood Mine, No. 524 of the printed report.

J. E. BARLOW, Supt.

E. M. STEPHENS, Mine Boss.

GAY COAL AND COKE COMPANY.

No. 566. *Gay Mine*.—This mine is located on Island Creek, near Logan; is a drift opening operating the Winifrede coal on the Long-wall system. The ventilation produced by a fan is good. Roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated March 6th, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Gay Mine, No. 525 of the printed report.

H. S. GAY, Supt.

FRED KELLERMAN, Mine Boss.

DRAPER COAL AND COKE COMPANY.

No. 567. *Draper Mine*.—This mine is located at Logan on the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company.

Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated January 22, 1907, has been furnished this office.

With the present mine développement and equipment and full force of this mine is capable of producing 300 tons per day. This mine was reported last year as Draper Mine, No. 526 of the printed report.

F. S. LEE, Supt.

JOHN STEPHENS, Mine Boss.

BIG CREEK COAL COMPANY.

No. 568. *Big Creek Mine*.—This mine is located on the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Kanawha coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamp are kept on hand. A map showing the workings of this mine, dated September, 1906, was furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 275 tons per day. This mine was reported last year as Big Creek Mine, No. 527 of the printed report.

W. T. OLIVER, Supt.

JOHN EARLY, Mine Boss.

UNITED STATES COAL AND OIL COMPANY.

No. 569. *Island Creek Mine No. 1*.—This mine is located on Island creek four miles from Logan; is a drift opening operating the Winifrede coal on the double and triple entry systems. The ventilation produced by a Stine fan is fair, and a 13½ ft. x 7 ft. Clifford fan is on the ground and will be installed as soon as possible. A very small per cent. of gas has been found in the advance headings but is kept clear by a good cur-

rent of air. Roof is good; drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept at the mine. A map showing the workings of this mine dated June, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 1400 tons per day. This mine was reported last year as Island creek No. 1 Mine, No. 528 of the printed report.

PAUL HARDY, Supt.

J. M. MOORE, Mine Boss.

JAS. C. BEBEE, Gen. Mgr.

HIRAM BISHOP, Fire Boss.

No. 579. *Island Creek Mine No. 2.*—This mine is located on Island creek four miles from Logan; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a 10-foot Stine fan is fair, and a 13½ ft. x 7 ft. Clifford fan is now being installed.

Roof is good; drainage is good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated June, 1906, has been furnished this office.

The management of this company are up to date coal men and keep their mines in excellent condition as well as comply with the law in all respects. With the present mine development and equipment and full force of men this mine is capable of producing 1400 tons per day. This mine was reported last year as Island Creek No. 2 Mine, No. 529 of the printed report.

PAUL HARDY, Supt.

W. G. LAX, Mine Boss.

JAS. C. BEBEE, Gen. Mgr.

HEZ. JOHNSON, Fire Boss.

No. 571. *Island Creek No. 3.*—This mine is just being developed. Has shipped no coal.

PAUL HARDY, Supt.

STONE BRANCH COAL COMPANY.

No. 572. *Stone Branch Mine.*—This mine is located on Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Kanawha coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine is being made and a less number than 20 men were employed inside the mine. A map showing the workings of this mine dated March 23rd, 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 225 tons per day. This mine was reported last year as Stone Branch Mine, No. 530 of the printed report.

JOEL T. ADAMS, Supt.

G. M. BRENNAN, Mine Boss.

LOGAN COAL COMPANY.

No. 573. *Logan No. 1 Mine.*—This mine is located on Dingess Run and the Guyan Valley Branch of the C. & O. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated June 15th, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 175 tons per day. This mine was reported last year as Logan Mine, No. 531 of the printed report.

ROBERT BALDWIN and W. L. CROFT, Supts.

RICHARD ROSE and R. S. BALDWIN, Mine Bosses.

YUMA COAL AND COKE COMPANY.

No. 574. *Yuma Mine.*—This mine is located on Island creek, near Logan; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a 7-foot Stine fan is good. Roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated January, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Yuma mine, No. 532 of the printed report.

WM. BARLOW, Supt.

W. STEVENS, Mine Boss

FORT BRANCH COAL COMPANY.

No. 575. *Fort Branch Mine.*—This mine is located on Dingess Run and the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine is a door beside the furnace. A map showing the workings of this mine dated June, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Fort Branch Mine, No. 533 of the printed report.

C. E. STAFFORD, Supt.

F. R. KITCHEN, Mine Boss.

CORA COAL & COKE COMPANY.

No. 576. *Cora Mine*.—This mine is located on Island creek; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by an 8-foot Thayer fan is good. Roof is good; drainage good.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules posted and stretchers and safety lamps kept at the mine. A map showing the workings of this mine dated January, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day.

This mine was reported last year as Cora Mine, No. 535 of the printed report.

C. W. JONES, Supt. C. A. WARDEN and JAMES HALL, Mine Bosses.

PRUDENTIAL COAL AND MINING COMPANY.

No. 577. *Prudential Mine*.—This mine is located at Big Creek on the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Kanawha coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted nor stretchers and safety lamps kept on hand.

With the present mine development and equipment and full force of men this mine is capable of producing 100 tons per day. This mine was reported last year as Prudential Mine, No. 534 of the printed report.

S. C. FISHER, Supt. and Mine Boss.

REX COAL AND COKE COMPANY.

No. 578. *Rex Mine*.—This mine is located on Dingess Run and Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is good. Roof is good. Owing to the mine going to the dip and liberating a great quantity of water, drainage is only fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted and stretchers and safety lamps are not kept at the mine. A map showing the workings of this mine dated June, 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Rex Mine, No. 536 of the printed report.

B. G. CALL, Supt.

G. H. BOLEN, Mine Boss.

ODD COAL AND COKE COMPANY.

No. 579. *Odd Mine*.—This mine is located on Dingess Run and the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating

the Winifrede coal on the double entry system. The ventilation produced by a furnace is good. Roof is good. Owing to the mine going to the dip and liberating a quantity of water the drainage is only fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law.

A map showing the workings of this mine dated April 10, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Odd Mine, No. 537 of the printed report.

J. W. MITCHELL, Supt.

L. H. JACKSON, Mine Boss.

ETHEL COAL COMPANY.

No. 580. *Ethel Mine*.—This mine is located on Dingess Run and the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated June, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 175 tons per day. This mine was reported last year as Ethel Mine, No. 538 of the printed report.

C. A. DEVENNY, Supt.

M. L. BROWN and ED. DAVIDSON, Mine Bosses.

H. T. WILSON COAL COMPANY.

No. 581. *Wilson Mine*.—This mine is located near Logan on the Guyan Valley branch of the C. & O. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a 10-foot Thayer fan is good. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand.

The second opening to this mine is a door beside the fan.

With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This is a new mine and was not reported last year.

F. S. LEE, Supt.

W. A. EVANS and GEO. CAMPBELL, Mine Bosses.

MINGO COUNTY.

PEARL COAL MINING COMPANY.

No. 582. *Camp Branch Mine*.—This mine is located at Dingess on the

N. & W. R. R.; is a drift opening operating the Lower Kittanning coal but is worked out and was abandoned during the past year.

This mine was reported last year as Camp Branch Mine No. 539 of the printed report.

J. F. KENT, Supt.

A. MITCHELL, Mine Boss.

No. 583. *Haggerty Mine*.—This mine is located at Dingess on the N. & W. R. R.; is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation produced by a 7-foot Thayer fan is good. A small per cent. of gas has been found in some of the advance headings of this mine but is kept clear by a good circulation of air. Roof is good; drainage fair.

All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated February, 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 175 tons per day. This mine was reported last night as Haggerty mine, No. 540 of the printed report.

J. F. KENT, Supt.

GEO. CASTLE, Mine Boss.

BELVEDERE GAS COAL COMPANY.

No. 584. *Alma or Sprigg Mine*.—This mine is located on the N. & W. R. R. and Tug River; is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamp kept on hand. The second opening to this mine meets all the requirements of the law. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Alma mine, No. 541 of the printed report.

J. F. KENT, Supt.

W. H. ADAMS, Mine Boss.

RED JACKET CONSOLIDATED COAL & COKE COMPANY.

No. 585. *Rutherford Mine*.—This mine is located near Matewan on a branch of the N. & W. R. R., and Mate creek; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a Crawford and McCrimmon fan is good. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept at the mine. The second opening of this mine meets all the requirements of the law. A map showing the workings of this mine dated January, 1907, has been furnished this office. The General Manager as well as the two Superintendents of this

company are practical men and take a special interest in keeping their mines in a good safe condition and see that the law is complied with in all respects. With the present mine development and equipment and full force of men this mine is capable of producing 700 tons per day. This mine was reported last year as Rutherford Mine, No. 542 of the printed report.

W. R. WILBURN, Supt.

GEO. WILBURN, Mine Boss.

W. C. EASLEY, Gen. Mgr.

No. 586. *Red Jacket Mine*.—This mine is located near Matewan on a branch of the N. & W. R. R., and Mate creek; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by two fans has always been found good. Roof is good; drainage fair.

All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept at the mine. The second opening to this mine meets all the requirements of the law.

A map showing the workings of this mine, dated January, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 900 tons per day. This mine was reported last year as Red Jacket mine, No. 543 of the printed report.

W. R. WILBURN, Supt.

W. C. EASLEY, Gen. Mgr.

C. W. ADAMS, JOHN MURRAY and MARK HYRNE, Mine Bosses.

No. 587. *Logan Mine*.—This mine is located near Matewan on a branch of N. & W. R. R., and Mate creek; is a drift opening operating the Thacker coal on the double entry system. Only a small number of men is employed in this mine and the entire work consists of taking out pillars and robbing.

The ventilation produced by natural causes is fair. Roof is fair; drainage only fair. All powder is taken into the mine in cans of five pounds capacity.

The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was not published last year.

W. R. WILBURN, Supt.

GEO. W. BARNEY, Mine Boss.

W. C. EASLEY, Gen. Mgr.

No. 588. *Maritime Mine*.—This mine is located near Thacker on a branch of the N. & W. R. R.; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a 15-foot Crawford and McCrimmon fan is good. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated January, 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Maritime Mine, No. 544 of the printed report.

E. C. LAMBERT, Supt.

D. T. KARNES, Mine Boss.

W. C. EASLEY, Gen. Mgr.

No. 589. *Lick Fork Mine*.—This mine is located on the Lick Fork branch of the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. At time of last inspection of this mine the ventilation produced by two furnaces was not satisfactory. Roof is fair; drainage only fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated, January 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day.

This mine was reported last year as Lick Fork Mine, No. 545 of the printed report.

E. C. LAMBERT, Supt.

A. L. COPLEY, Mine Boss.

W. C. EASLEY, Gen. Mgr.

No. 590. *Grapevine Mine*.—This mine is located near Thacker on the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage only fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are posted and stretchers and safety lamps are kept on hand.

A map showing the workings of this mine dated, January 1907, has been furnished this office.

With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Grapevine Mine, No. 546 of the printed report.

E. C. LAMBERT, Supt.

JAMES GENT, Mine Boss.

W. C. EASLEY, Gen. Mgr.

THACKER COAL AND COKE COMPANY.

No. 591. *Thacker Mine No. 2*.—This mine is located near Thacker on the Thacker branch of the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a 15-foot Crawford and McCrimmon fan is good. Roof is good; drainage is good at faces but poor along the haulways. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings

of this mine dated, May 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 600 tons per day. This mine was reported last year as No. 2 and 2½ Mines, Nos. 547 and 548 of the printed report.

JAS. COLLINS, Supt.

Wm. PONTIOUS, Mine Boss.

No. 592. *Thacker Mine No. 3.*—This mine is located near Thacker and on the Thacker branch of the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a 15-foot Capell fan is good when proper cross-cuts are made. Roof is good, except a thin draw slate. Drainage fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are not posted. Stretchers and safety lamps are kept on hand.

A map showing the workings of this mine dated, May 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 480 tons per day. This mine was reported last year as No. 3 Mine, No. 549 of the printed report.

JAS. COLLINS, Supt.

PETER KERR, Mine Boss.

No. 593. *Lynn Mine.*—This mine is located on the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. At time of last inspection of this mine the ventilation produced by natural causes was not satisfactory. Roof is fairly good. Drainage fair. This mine has been idle a large portion of the time during the past year, owing to a disagreement between the operating company and the land owners.

A map showing the workings of this mine dated, November 1906, was furnished this office. This mine was reported last year as Lynn Mine, No. 551 of the printed report.

JAS. COLLINS, Supt.

WILL ROEHRER, Mine Boss.

THACKER FUEL COMPANY.

No. 594. *Thacker Mine No. 10.*—This mine is located on the Lick Fork branch of the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by three furnaces, at the time of last inspection was not satisfactory. Roof is good. Drainage in some parts of the mine is not good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept at the mine.

A map showing the workings of this mine dated, May 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 225 tons per day.

This mine was reported last year as No. 10 Mine, No. 550 of the printed report.

JAS. COLLINS, Supt.

C. E. SIGMAN, Mine Boss.

GLEN ALUM COAL COMPANY.

No. 595. *Glen Alum Mine, No. 1.*—This mine is located on the Alum Creek branch of the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a fan is fair. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps were kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, Jan. 12, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 400 tons per day. This mine was reported last year as Glen Alum No. 1 Mine, No. 552 of the printed report.

P. P. FLANAGAN, Gen. Mgr.

FRANK McCLOSKEY, Mine Boss.

No. 596. *Glen Alum Mine No. 2.*—This mine is located on the Glen Alum branch of the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a 12-foot Stine fan is good. Roof is not good but timbering is fairly well looked after. Drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes are now burning the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated January 12, 1907, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 325 tons per day. This mine was reported last year as Glen Alum No. 2 Mine, No. 553 of the printed report.

P. P. FLANAGAN, Gen. Mgr.

T. J. CONNELLEY, Mine Boss.

BIG SPLINT COAL COMPANY.

No. 597. *Nolan or Winifrede Mine.*—This mine is located at Nolan on the N. & W. R. R; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace was fair.

Roof is good. Owing to the amount of water liberated in this mine drainage is poor. All powder was taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company.

A map showing the workings of this mine dated, April 1907, was furnished this office. This mine was indefinitely closed some few months ago and it is not known when it will resume operation. This mine was reported last year as Nolan No. 1 Mine, No. 554 of the printed report.

W. D. WALTZ, Supt.

JOSEPH H. GRAY, Mine Boss.

WAR EAGLE COAL COMPANY.

No. 598. *War Eagle Mine.*—This mine is located on the Turkey Creek branch of the N. & W. R. R; is a drift opening operating the Kittanning

coal on the double entry system. The ventilation produced by natural causes is fair. Roof is good. Drainage only fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules were not posted. Stretchers and safety lamps were not kept at the mine. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, July 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as War Eagle Mine, No. 555 of the printed report.

G. W. COFFEY, Supt.

M. F. BOOTH, Mine Boss.

A. MOORE, Gen. Mgr.

No. 599. *Pappoose Mine*.—This mine is located on the Turkey Creek branch of the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by natural causes was not satisfactory at time of last inspection of this mine. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are kept on hand. A map showing the workings of this mine dated, July 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Pappoose Mine, No. 556 of the printed report.

G. W. COFFEY, Supt.

J. K. COFFEY, Mine Boss.

A. MOORE, Gen. Mgr.

No. 600. *Mephisto Mine*.—This mine is located on the Turkey Creek branch of the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map of this mine dated, July 1906, has been furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 275 tons per day. This mine was reported last year as Mephisto Mine, No. 557 of the printed report.

G. W. COFFEY, Supt.

J. A. EARNEST, Mine Boss.

A. MOORE, Gen. Mgr.

No. 601. *Star Mine*.—This mine is located on the Turkey Creek branch of the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace is only fair. Roof in this mine is bad and dangerous but timbering is fairly well looked after. Drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold

them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are not posted. Stretchers and safety lamps are not kept at the mine. A map showing the workings of this mine dated, January 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Star Mine, No. 566 of the printed report.

G. W. COFFEY, Supt.

JAS. McBRAYER, Mine Boss.

A. MOORE, Gen. Mgr.

HATFIELD COLLIERY COMPANY.

No. 602. *Hatfield Mine*.—This mine is located near Nolan on the N. & W. R. R; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good. Drainage is bad. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept at the mine. The second opening to this mine meets all the requirements of the law. A map of this mine showing the workings to, January 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Nos. 1 and 2 Mine, No. 558 of the printed report.

JOHN R. WHITE, Supt.

C. C. NEW, Mine Boss.

CULROSS COAL COMPANY.

No. 603. *Jackson Mine*.—This mine is located near Nolan on the N. & W. R. R; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace was fair. Roof good. Drainage poor. The second opening to this mine met all the requirements of the law. This mine was indefinitely closed about three months ago and it could not be learned when operations would be resumed. A small mine fire exists in the east side of the mine but it is surrounded by water and can only damage a small portion of the mine. A map showing the workings of this mine dated, May 1906, has been furnished this office.

This mine was reported last year as Jackson Mine, No. 559 of the printed report.

W. J. FRY, Supt.

H. ENDICOTT, Mine Boss.

MATE CREEK COAL COMPANY.

No. 604. *Mate Creek Mine No. 1*.—This mine is located near Matewan on the N. & W. R. R; is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation produced by a furnace was not good. The roof in this mine is bad and dangerous but timbering is fairly well looked after. Drainage along some of the haulways is

bad. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, June 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 90 tons per day.

This mine was reported last year as No. 1 Mine, No. 561 of the printed report.

S. T. LAMBERT, Supt.

E. H. ARTIS AND

J. F. DICKENSON, Mine Bosses.

No. 605. *Mate Creek Mine No. 2.*—This mine is located near Matewan on the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by 'a furnace was not good at time of last inspection. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamp are kept on hand. A map showing the workings of this mine dated, June 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 100 tons per day. This mine was reported last year as No. 2 Mine, No. 562 of the printed report.

S. T. LAMBERT, Supt.

E. H. ARTIS AND

J. F. DICKENSON, Mine Bosses.

MARVIN COAL COMPANY.

No. 606. *Marrin Mine No. 1.*—This mine is located at Matewan on the N. & W. R. R; is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation produced by a furnace was not good at time of last inspection of this mine. Roof is good; drainage fair. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamp are kept at the mine. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, August 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 200 tons per day. This mine was reported last year as Marvin Mine, No. 563 of the printed report.

J. A. WILLIAMS, Supt.

G. F. BOOTH, Mine Boss.

No. 607. *Marrin Mine No. 2.*—This mine is located at Matewan on the N. & W. R. R; is a drift opening operating the Thacker coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted. This is a new mine and is worked in con-

nection with the No. 1 Mine. With present mine development and equipment and full force of men this mine is capable of producing 50 tons per day.

This mine was not reported last year.

J. A. WILLIAMS, Supt.

J. W. STEWART, Mine Boss.

MARGARET COAL COMPANY.

No. 608. *Margaret Mine No. 1.*—This mine is located on the Turkey Creek branch of the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. This mine was idle almost the entire year but I was informed that it would resume operations in the near future. This mine was reported last year as No. 1 Mine, No. 564 of the printed report.

SAM PERRY AND

L. J. BLANKENSHIP, Mine Boss.

A. H. DANGERFIELD, Supts.

No. 609. *Margaret Mine No. 2.*—This mine is located on the Turkey Creek branch of the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a Crawford and McCrimmon fan is good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept on hand. The second opening to this mine is a door beside the fan. A map showing the workings of this mine dated, January, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 350 tons per day. This mine was reported last year as No. 2 Mine, No. 565 of the printed report.

SAM PERRY AND

L. J. BLANKENSHIP, Mine Boss.

A. H. DANGERFIELD, Supts.

MAJESTIC COLLIERIES COMPANY.

No. 610. *Cedar Mine.*—This mine is located on the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace was not good at time of last inspection of this mine. Roof is fair; drainage along the haulways is not good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept on hand.

The second opening to this mine meets all the requirements of the law. With the present mine development and equipment and full force of men this mine is capable of producing 100 tons per day. A map showing the workings of this mine dated Feb'y. 1906, was furnished this office. This mine was reported last year as Cedar Mine No. 567 of the printed report.

A. B. RAWN, Supt.

HANK VARNEY AND

P. P. FLANAGAN, Gen. Mgr.

L. A. HARRISON, Mine Bosses.

MERRIMAC COAL AND COKE COMPANY.

No. 611. *Commercial or Merrimac Mines Nos. 1 and 2.*—These mines are located five miles east of Williamson on the N. & W. R. R.; are drift openings operating the Kittanning coal on the double entry system. The ventilation produced by a furnace was not good at time of last inspection of these mines. Roof is fair. Drainage good.

All powder is taken into the mines in cans of five pounds capacity.

The employs burn the oil sold them by the operating company. Rules were not posted. Stretchers and safety lamps were not kept at the mines. A map showing the workings of these mines dated, January 1907, was furnished this office. With the present mine development and equipment and full force of men these mines are capable of producing 75 tons per day. These mines were reported last year as Merrimac Mines Nos. 1 and 2, No. 568 of the printed report.

JNO. E. WILLIAMS AND
J. T. WOODY, Supts.

R. M. MOORE AND
E. B. VARNEY, Mine Bosses.

No. 612. *Coaling Station Mine.*—This mine is located five miles east of Williamson on the N. & W. R. R.; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace was not satisfactory at time of last inspection of this mine. Roof is fair. Drainage on haulways is not good. All powder is carried into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. Rules are not posted. Stretchers and safety lamps are not kept on hand. A map of the workings of this mine, dated January 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Coaling Station Mine, No. 569 of the printed report.

JNO. E. WILLIAMS AND
J. T. WOODY, Supts.

E. B. VARNEY AND
K. L. BROGAN, Mine Bosses.

WILLIAMSON COAL AND COKE COMPANY.

No. 613. *Williamson Mine No. 1.*—This mine is located at Williamson on the N. & W. R. R.; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept at the mine. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, August 31, 1905, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as Williamson No. 1 Mine, No. 570 of the printed report.

W. T. POOLE, Supt.

H. H. KELLEY, Mine Boss.

No. 614. *Williamson Mine No. 2.*—This mine is located at Williamson on the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage only fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept on hand. The second opening to this mine meets all the requirements of the law.

*With the present mine development and equipment and full force of men this mine is capable of producing 140 tons per day. This mine was reported last year as Williamson No. 2 Mine, No. 571 of the printed report.

W. T. POOLE, Supt.

C. C. FULTZ AND

E. D. DAVIES, Mine Bosses.

WINIFREDE CONSOLIDATED COAL COMPANY.

No. 615. *Sugar Tree or Goodman Nos. 1 and 2 Mines.*—These mines are located about two miles east of Williamson on the N. & W. R. R; are drift openings operating the Winifrede (Sugar Tree or No. 1) and Coalburg coals on the double entry system. Have been idle almost the entire year and no inspection was made.

These mines were reported last year as Winifrede and Coalburg Mines, Nos. 527 and 573 of the printed report.

W. T. POOLE AND

LEE ADKINS AND

W. A. HURST, Supts.

A. MITCHELL, Mine Bosses.

HOWARD COLLIERY COMPANY.

No. 616. *Howard Mine.*—This mine is located on the Buffalo Creek branch of the N. & W. R. R; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by two furnaces is good. Roof is good; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law.

A map showing the workings of this mine dated, May 28, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 225 tons per day. This mine was reported last year as Howard Mine, No. 574 of the printed report.

W. S. ESTLER, Supt.

R. G. CLAYTER, Mine Boss.

F. L. SCHOEW, Gen. Mgr.

CHATTAROY COLLIERY COMPANY.

No. 617. *Chattaroy Mine.*—This mine is located on the Buffalo Creek branch of the N. & W. R. R; is a drift opening operating the Winifrede and Coalburg coals on the double entry system. The ventilation pro-

duced by two furnaces is fair. Roof is good. Drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, June 1906, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Chattaroy Mine, No. 575 of the printed report.

C. E. TABOR, Mine Boss and Supt.

THE BUFFALO COLLIERIES COMPANY.

No. 618. *Buffalo Mine*.—This mine is located on the Buffalo Creek branch of the N. & W. R. R.; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a 7-foot Stine fan is good. Roof is good; drainage fair.

All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are posted and stretchers and safety lamps are kept on hand. The second opening to this mine is a door beside the fan. A map showing the workings of this mine dated, March 15, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 200 tons per day. This mine was reported last year as Buffalo Mine, No. 576 of the printed report.

S. V. PRESTON, Supt.

C. D. JEFFERSON, Mine Boss.

LEFTWICH AND TAYLOR.

No. 619. *Rawl Mine No. 1*.—This mine is located about four miles east of Williamson on the N. & W. R. R.; is a drift opening operating the Lower Kittanning coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept on hand. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, June 18, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day. This mine was reported last year as No. 1 Mine, Rawl Coal and Coke Company, No. 577 of the printed report.

R. N. TAYLOR, Supt.

J. F. DICKERSON AND

JOHN NEWCOMB, Mine Bosses.

No. 620. *Rawl Mine No. 2*.—This mine is located about four miles east of Williamson on the N. & W. R. R.; is a drift opening operating the Lower Kittanning coal on the double entry system. This mine was worked in connection with the No. 1 Mine but it has been abandoned.

Was reported last year as No. 2 Mine of Rawl Coal and Coke Company, as shown by the printed report.

R. N. TAYLOR, Supt.

WALNUT HILLS COAL AND MINING COMPANY.

No. 621. *Walnut Hill Mine*.—This mine is located near Naugatuck on the N. & W. R. R; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace was fair. Roof was fair; drainage good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept at the mine. The second opening to this mine meets all the requirements of the law. A map showing the workings of this mine dated, March 15, 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 250 tons per day. This mine was reported last year as Walnut Hills No. 1 Mine, No. 579 of the printed report.

J. G. THOMAS, Supt.

Wm. PAISLEY, Mine Boss.

LINGOHOCKEN COAL COMPANY.

No. 622. *Lingohocken No. 1 Mine*.—This mine is located on the Buffalo Creek branch of the N. & W. R. R; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace and natural causes is fair, Roof is good. Owing to the amount of water this mine generates, drainage is not good. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. This mine consists of several small openings. A map showing the workings of this mine dated, Feb'y. 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 200 tons of coal per day. This mine was reported last year as Lingohocken Mine, No. 580 of the printed report.

W. B. BUCKWALKER, Supt.

FLOYD GOLDEN, Mine Boss.

WARFIELD COAL COMPANY.

No. 623. *Warfield Mine*.—This mine is located near Warfield on the N. & W. R. R; is a shaft opening operating the Alma or Lower Kittanning coal on the double entry system. The ventilation produced by a furnace is good. Roof is good; drainage fair. At time of last inspection of this mine powder was taken into the mine in 25 pound kegs but the management was notified to see that all powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules are not posted. Stretchers and safety lamps are not kept at the mine. This is a new mine and only working a small number of men. With the present mine development and equipment and full force of men this mine is capable of producing 150 tons per day.

This mine was reported last year as Warfield Mine, No. 581 of the printed report.

H. G. HAPPERSETT, Supt.

B. D. PINSON, Mine Boss.

SYCAMORE COAL COMPANY.

No. 624. *Sycamore Mine.*—Only employs 2 men. Is just a local trade mine. Did not come under Mine Law so was not inspected.

CHAS. CULROSS, Supt.

MATTIE MAY COAL AND COKE COMPANY.

No. 625. *Mattie May Mine.*—This mine is located on Pigeon Creek and the N. & W. R. R.; is a drift opening operating the Kittanning coal on the double entry system. The ventilation produced by a furnace is fair. Roof in this mine is very bad and dangerous but timbering is well looked after. Drainage is poor. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. The second opening to this mine meets all the requirements of the law. With the present mine development and equipment and full force of men this mine is capable of producing 50 tons per day.

This is a new mine and was not reported last year.

Wm. COLE AND

R. McKINZIE AND

J. N. WRIGHT, Supts.

GEO. MORGAN, Mine Bosses.

THE MINGO BLOCK COAL COMPANY.

No. 626. *No. 1 Operation.*—This is a new plant, just being developed. Will work Winifrede, Thacker and Gas coals, using Sullivan Longwall machines. Have shipped no coal as yet.

HENRY M. PAYNE, Supt.

ALBERT McKINNEY, Mine Boss.

WAYNE COUNTY.

EAST LYNN COAL COMPANY.

No. 627. *East Lynn Mine No. 1.*—This mine is located about seven miles east of Wayne on Twelve Pole Creek; is a drift opening operating the Winifrede coal on the double entry system. The ventilation produced by a furnace is fair. Roof is good; drainage fair. All powder is taken into the mine in cans of five pounds capacity. The employes burn the oil sold them by the operating company. Rules were not posted. Stretchers and safety lamps are not kept at the mine. A map showing the workings of this mine dated, January 1907, was furnished this office. With the present mine development and equipment and full force of men this mine is capable of producing 200 tons per day. This mine was reported last year with No. 2 Mine, which has been abandoned, No. 582 of the printed report.

A. J. PERRY AND

ADAM LINDLEY, Mine Boss.

ADAM LINDLEY, Supts.

SEVENTH DISTRICT.

GENERAL SUMMARY OF THE SEVENTH DISTRICT FOR THE YEAR ENDING JUNE 30, 1907.

COUNTY.	No. of Openings.	No. Persons Killed	EMPLOYES.								Production of		
			Inside.					Outside.			Sum Total	Coal (tons of 2,240 lbs.)	Coke (tons of 2,000 lbs.)
			Pick Miners.	Machine Miners.	Machine Runners & Helpers.	Laborers.	Total.	Laborers.	Coke Workers.	Total.			
McDowell.	102	90	4,667	420	175	2,705	7,967	1,371	2,604	3,975	11,942	8,123,699	1,744,819
Mercer.....	28	11	1,070	93	30	603	1,796	323	467	790	2,586	2,009,522	313,117
Totals	130	101	5,737	513	205	3,308	9,763	1,694	3,071	4,765	14,528	10,133,221	2,057,936

OFFICE OF THE SEVENTH DISTRICT MINE INSPECTOR.

Welch, W. Va., Sept. 1st. 1907.

HON. JAMES W. PAUL,

Chief of Department of Mines,

Charleston, W. Va.

Sir:—I hereby respectfully submit to you my first annual report, as Inspector of the Mines in the Seventh District; for the year ending June 30th 1907, which includes all the Mines in McDowell, and Mercer counties.

My incumbency of office has consisted of but ten months actual work. A record has been kept of 130 inspections having been made, and 30 special visits, many of which were for the purpose of holding conferences with the view of having improvements made.

Many other visits were made of which no record was kept. The conditions of the mines as a whole was such that it was not at all a question of the number of inspections to be made, but almost entirely a question of having improvements made, and systems adopted in accordance with the mining laws.

Very few visits were made for the purpose of investigating fatal accidents, because of the amount of time that would have been consumed, and because of peculiar circumstances existing.

Reports have been received, and records kept, of 84 fatal accidents, and 125 non-fatal accidents, occurring in the period of 10 1-2 months.

The fact that many of these reports were received only after prosecution was threatened, because of failure to report, and that in many cases every effort to secrecy was made, rightfully leads to the conclusion that accidents occurred of which no report was made, and of which the inspector could have no knowledge.

111 mines are included in the Seventh Inspection District, and at the close of the fiscal year 17 mines are in course of being opened.

Only at some of the mines has the mining laws been well observed, and I am of the opinion, that it is but fair to the management of said mines that their names be given special mention in this report.

Among the mines which were found to be in first class condition, where the efforts of the management were very noticeable to a high degree, for the safety of the lives of those therein, are:

The Empire Mine at Landgraf under the management of Mr. W. D. Ord. Pulaski Mine, at Eckman, Mr. Percival Johnson, Genl Mgr.

The Keystone Mine at Keystone, Mr. J. K. F. Steele, Genl Mgr.

The Middle States Mine, under the management of Mr. C. E. F. Burnley.

Lick Branch, Delta, Shaniokin, Angle and Norfolk Mines of the Pocahontas Consolidated Company, Mr. J. E. Jones, Genl Mgr.

It must be said that, that the mines of the United States Coal & Coke Company, on the Gary branch of the Norfolk and Western, under the management of Mr. Edw. O'Toole, are far superior in condition and management, to any and all other mines above mentioned.

Many other mines were found in fair condition, but the high standard of management did not exist as at the mines mentioned.

I regret to report that mines were found where no semblance of management existed, and where no care whatever could be discerned for the safety and health of those employed therein.

Upwards of 40 steam locomotives were found in use in the mines of this district. Some were even found running in, on the intake air-ways, polluting the entire air current with the deadly gases given off and which all employes in said mine were compelled to inhale. Some traveled the distance of several miles under ground and to the extreme limit of any working places.

It seems almost impossible to believe that any mining men would argue in favor of steam locomotives inside a coal mine for haulage purposes.

Scores of men employed as mine bosses, superintendents, general managers, owners of mines, and workmen were found to tell tales of horror of men having been overcome with the fumes emitted from the locomotives and who were conveyed out of the mines almost asphyxiated.

Only a few of those having steam locomotives in use argue against any dangers accruing from the same.

It is a loathsome fact that it was ever necessary for a legislature to legislate against such an abomination.

And it is an everlasting reflection upon the fair name of the state of West Virginia that a legislature would ever seek to evade the issue by passing a law containing so much vagueness as Sec. 24 of the present, (or new mining laws).

Several companies have abolished the steam locomotives from their mines, others are preparing to do so, some have promised to do so, and a few show a disposition to ignore the law on the subject.

Many important improvements have been made during the past year; and are being made throughout the field.

The improvements consist mostly of enlarging the means of production,

by the construction of power plants, new haulage roads, new openings, better grades, and the installation of fans. But there remain great necessities for much more improvements to be made than has been made.

But one prosecution of any importance was attempted during the year, which was an injunction applied for against the Pawama Mine on Wide Mouth Creek to compel the installation of a fan; the report of which will be found in detail following with the inspection of said mine.

A score of minor prosecutions were had for violation of the oil regulations, and taking full kegs of powder into the mines.

One great difficulty in the way of progress for the betterment of conditions for the safety and health of those employed inside the mines; is the inferior grade of miners and laborers employed; and especially the inexperience and incompetency of many of the men employed as mine bosses, and those to oversee the work.

The lack of public opinion or public sentiment, to help enforce the laws or to demand recognition of the same.

And the failure on the part of many of the operators to realize the benefits of the observance of the laws and failure to recognize the proper duties of the mining department towards their property.

There are few, if any coal fields in the United States where coal is easier mined, and where conditions are more favorable for the purpose of securing the best class of labor; and because of the many adverse conditions existing at present, leads one to be convinced that the cause for so much unintelligent and incompetent labor is due to ancient and barbarous methods and policies that are pursued in the operation of the mines.

It is an extremely sad fact that the number of intelligent, competent and high class mine managers (from mine boss to general manager) are greatly in the minority.

The causes of the lack of competent management, can be attributed to at least two main reasons:

First:—The great desire to secure mine bosses who are willing to accept positions at extremely low salaries. Competent men being always in demand find employment elsewhere where better salary is paid, more in accordance with ability.

Second:—The prosperity among those who have operated mines in this field, has been such that capital has been attracted which is controlled by individuals who are most ambitious to succeed as capitalists, but who have little or no knowledge of mining, or its dangers, and who know little about the mining laws and seem to care less.

Such employers do not have the knowledge to enable them to know whether they have competent management, or incompetent management; the natural conditions being so favorable, that so long as their business is profitable they remain under the impression that their management is sufficient and cannot be convinced otherwise.

I regret to report that at the beginning of this fiscal year a condition existed wherein the working classes of this field had completely lost all confidence in the local courts, they seem to be thoroughly convinced that justice could not be obtained towards the enforcement of the mining laws.

The new laws enacted at the 1907 legislature are a good improvement over the previous laws but in many respects are yet very vague, and seem to have been made so through the influence of selfish interests.

As objects of legislation I would suggest and recommend the following ideas.

In all mining states the most practical mining men agree that the state should enforce the employment of the most intelligent and competent management, to best secure safe and healthful conditions.

In order to secure this, examinations for mine bosses, fire bosses and mine inspectors have been adopted by several states, and is favored to a great extent everywhere.

The laws of West Virginia require that competent men shall be employed, as fire bosses and mine bosses, and as a result of said law, in as much as the duties of said bosses, are also prescribed to a certain extent, our courts of this state, and other states have decided that where accidents have occurred (proven to be due to the negligence or carelessness) of said bosses, the operator or owner of the mines can not be held responsible or liable for damages.

It therefore becomes a question, if said laws in view of said court decisions, have not been reduced so as to be of little benefit to those employed in the hazardous work of mining. It seems to me that the best and perhaps the only way after all to enforce the employment of competent management is to place the proper responsibility upon the employer, or owner in case of accident.

If in order to do this, it may be necessary to repeal all law which provides for a certain grade of competency of management, and the prescribing of duties of bosses, (and the court decisions seem to indicate such) I would recommend that all law bearing on this point be repealed and the proper responsibility be placed on the owner or operator, to maintain safe conditions.

It goes without argument that "publicity" is the great power to avoid wrong doing; the people may be depended upon to rectify wrongs, when given the proper knowledge of the wrong doing, and where it exists.

No good citizen, or employer who has the proper respect for law, and who desires to aid in the welfare of the state will object to the publicity of the truthful conditions existing, in the industry in which he is engaged,

Undoubtedly all persons concerned in said industry will be benefited by such publicity.

I therefore would recommend that the mining laws, be so amended as to provide for the publication of all fatal accidents, monthly by the chief of the department of mines with the important details of each accident.

The circumstances of many accidents, would serve as a warning and precaution to others, and would be the means of saving many lives.

Sec. 26 of the present laws provide that "circuit courts, criminal courts, and justices of the peace shall have concurrent jurisdiction with right of appeal to the circuit court".

I would recommend, that this section be amended to provide that the Attorney General shall appeal from the circuit court to the state supreme court, when directed by the Chief of the Department of Mines.

Sec. 16 provides, that the chief of the Department of Mines shall first examine a mine after having been notified by the district inspector of his belief that said mine is dangerous to life or health, before having authority to order a mine closed.

Undoubtedly if life is endangered, the welfare of human beings demand with all reason that there should be no delay of authority to save lives.

I would recommend, that the district inspectors be given full authority to close mines, when found in dangerous condition; with right of appeal of the operator, to the Chief of the Department of Mines and thence to the courts.

I would further recommend, that a severe penalty be provided for any person whosoever, in any manner endeavors to evade the law; or who by act, or word seeks to thwart the efforts of the inspector in his endeavors to enforce the laws, or when intimidation in any manner is attempted against the inspector.

In conclusion, I am glad to say, that splendid progress is being made in this district towards better conditions, and that the great majority of operators are pleased to receive inspections of their mines, and have willingly co-operated in every way to meet the requirements of the law.

And it is to be regretted that a few have taken very unkindly to the exercises of the law, notwithstanding that every leniency possible has been shown towards them.

I wish to thank you for your cordial treatment at all times, and for your valuable assistance to carry out my duties.

I wish to say that I have always found you ready to give advice, and at all times your advice has ever been to the very best interests of the department; and for the best interest of all concerned in the coal industry.

Yours very truly,

WM. WARNER,

Mine Inspector Seventh District.

CONDITION OF MINES IN THE SEVENTH DISTRICT

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MCDOWELL COUNTY.

ALGOMA COAL AND COKE COMPANY.

No. 628. *Big Four Mine.*—This mine is located on Buzzard creek off Northfork branch at Algoma. Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan, and would be sufficient if the air current was carried forward as the law requires.

Drainage was not good in places. The second opening was not available as a traveling way. This mine is practically a part of the Piney Mine, the same inferior conditions, and poor management obtained, as at the Piney Mine. This mine was reported last year as Big Four Mine, No. 592 of the printed report.

WM. J. BEURY, Supt.

M. F. HENSLEY, Mine Boss.
GUY TAYLOR, Fire Boss.

No. 629. *Piney Mine*.—This mine is located on Buzzard creek off North fork branch at Algoma. It is a drift opening operating the No. 3 Pocahontas vein.

It has fan ventilation. The ventilating current was not carried forward to the working faces sufficiently.

Drainage was fairly good. Some little quantity of gas is liberated, and a fire boss is employed. Kerosene oil was used promiscuously; although notices were posted, signed by the Gen. Manager, prohibiting the same. Some of the employees stated that the assistant mine boss instructed them that the management did not expect a compliance with said notice. Powder was taken into the mines in kegs. The second opening was not available as a traveling way.

Break throughs and stoppings were badly neglected. In view of the fact that a disaster occurred at this mine some time ago in which several lives were lost, I consider the careless management existing, little less than criminal.

This mine was reported last year as Piney Mine, No. 593 of the printed report.

WM. J. BEURY, Supt.

M. F. HENSLEY, Mine Boss.
GUY TAYLOR, Fire Boss.

No. 630. *North Fork or Coaling Station Mine*.—This mine is located on Burk creek at North fork, operating in No. 3 Pocahontas seam. Is a drift mine, and has no artificial means of ventilation.

The ventilation was very bad, there being no stoppings built in the old break throughs to conduct the air current forward that is produced by natural means.

The drainage was very bad on the haulage road. Considerable loose and dangerous top was found. All the employees were using kerosene oil. No rules were posted. Powder was taken into the mines in kegs. There was no safety lamp, or stretcher or blankets on hand. Any observance of mining laws was not discernible. Very poor management existed. This mine was reported last year as North Fork, No. 594 of the printed report.

WM. J. BEURY, Supt.

H. W. PIPPIN, Mine Boss.

GILLIAM COAL AND COKE COMPANY.

No. 631. *Gilliam Mine*.—This mine is located on the North fork branch at Gilliam station. It is a drift mine operating in the No. 3 Pocahontas seam.

The ventilation is produced by a fan; and is very good.

Drainage is good. Very little gas is liberated, and a fire boss is employed. Stoppings were not built of sufficiently substantial material.

Kerosene oil was used.

Rules were posted, stretchers and blankets were on hand.

The general safety seemed good. The management seemed to be careful and quite attentive to law requirements. This mine was reported last year as Gilliam Mine, No. 595 of the printed report.

P. P. FLANAGAN, Gen Mgr.

J. W. YOST, Mine Boss.
JOSEPH McKAY and J. W. FERRIS, Fire Bosses.

ROANOKE COAL AND COKE COMPANY.

No. 632. *Roanoke Mine*.—This mine is located on the Northfork branch near the Indian Ridge Mine. Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan, which is very good, and is well conducted throughout the workings. Drainage is first-class. Roof is fairly good and well timbered where needed. No gas is liberated. Some kerosene was used.

Rules were posted, a safety lamp, and stretcher with blankets are kept on hand. The management seemed careful and capable in every respect. This mine was reported last year as Roanoke Mine, No. 596 of the printed report.

W. C. EASLEY, Gen. Mgr.

Wm. L. MARSHALL, Mine Boss.

INDIAN RIDGE COAL AND COKE COMPANY

No. 633. *Indian Ridge Mine*.—This mine is located on the Northfork branch at Indian Ridge about 2½ miles from Northfork.

It is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan. The ventilating current is not carried forward to the working places as the law requires.

Drainage is good. The roof is fairly good. Substantial stoppings of stone are being built. Kerosene oil was used. No gas is liberated.

Rules were posted. A safety lamp, stretcher with blankets are kept on hand. This mine was reported last year as Indian Ridge Mine, No. 597 of the printed report.

A. D. RICE, Gen. Mgr.

H. A. TAYLOR, Mine Boss.

ARLINGTON COAL AND COKE COMPANY.

No. 634. *Arlington Mine*.—This mine is located on the Northfork branch, about 4 miles from Northfork, is a drift mine operating in the No. 3 Pocahontas seam.

The ventilation is produced by a fan which is very good.

Drainage was good. Roof was fairly good and well timbered where needed. Kerosene was used. Full kegs of powder were found in the mine.

An accumulation of dust existed, and was not sufficiently sprinkled.

No rules were posted. No safety lamp on hand. A stretcher with blankets was kept on hand.

A sample of miners' oil sold in the company store was tested and found to be inferior. This mine was reported last year as Arlington Mine, No. 598 of the printed report.

P. P. FLANAGAN, Gen. Mgr.

J. C. CAMPBELL, Mine Boss.

GREENBRIER COAL AND COKE COMPANY.

No. 635. *Greenbrier Mine*.—This mine is located on the Northfork branch at McDowell station.

Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation

is produced by a fan and is good. The break-throughs were made every 100 feet alternately with each opposite pillar, which made the distance of 200 feet between break-throughs in each pillar. Drainage was good. Roof fairly good, and well timbered. Kerosene oil was used. The mine was somewhat dusty.

Rules were posted. A safety lamp, stretcher with blankets were kept on hand. This mine was reported last year as Greenbrier Mine, No. 599 of the printed report.

JAIRUS COLLINS, Gen. Mgr.

C. W. ATKINSON, Mine Boss.

MCDOWELL COAL AND COKE COMPANY.

No. 633. *McDowell Mine*.—This mine is located on Northfork branch at McDowell station.

Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan, which produces an abundant volume of air, but was not well conducted throughout the mine.

Steam locomotives are used for haulage inside the mine. The conditions produced by these steam locomotives needs no further comment. The company has shown a very satisfactory willingness to abandon steam locomotive haulage, and have placed a contract for an electrical power plant.

Kerosene oil was used. Powder was taken in the mines in kegs.

Rules were posted. Safety lamp and stretcher were kept on hands. It was quite apparent that very poor management existed at this mine for several years, and the management was quite incompetent at the time of last inspection. This mine was reported last year as McDowell Mine, No 600 of the printed report.

THOS. COOPER, Gen. Mgr.

C. R. WISE, Mine Boss.

H. W. RAWSON, Supt.

ASHLAND COAL AND COKE COMPANY.

No. 637. *Ashland No. 1 Mine*.—This mine is located on the Northfork branch at Ashland station.

Is a drift mine operating in the No. 3 Pocahontas seam. The ventilation is produced by a fan, and is fairly good.

Steam locomotives are also used for haulage in this mine; but travel on the return air way. As mentioned in the report of Monitor Mine, the power plant for which the contract was let will furnish power also for this mine, and the steam locomotives will be dispensed with. The drainage was bad. The roof and timbering was fair. Kerosene oil was used by both day-men and miners. The management agreed to improve No. 3 opening, and make the same available as a second opening in requirement of the law.

No safety lamp was on hand.

Rules were posted, but not observed.

A stretcher was kept on hand. This mine was reported last year as Ashland No. 1 Mine, No. 601 of the printed report.

T. J. O'NEIL, Supt.

J. C. LOVERN, Mine Boss.

No. 638. *Ashland No. 2 or Monitor Mine*.—This mine is located on Northfork branch at Ashland station.

Is a drift mine, operating in the No. 3 Pocahontas seam. The ventilation was produced by a fan. Steam locomotives were used for haulage inside the mine, and which traveled on the Intake airway. It would be difficult to imagine how the ventilation could be worse. I declined to make an inspection on account of the smoke produced by said steam locomotives. The volume of air at intake, where the steam locomotives entered measured 28,000 cu. ft.

The management agreed to construct an overcast at once, which would place the smoke of the steam locomotives on the return air way. Also to dispense with steam locomotive haulage as soon as practical. I understand that a contract was let for construction of an electric power plant. Rules were posted, safety lamp, stretcher with blankets were kept on hand. This mine was reported last year as Ashland No. 2 Mine, No. 602 of the printed report.

T. J. O'NEIL, Supt.

T. D. MATHEWS, Mine Boss.

ELKRIDGE COAL AND COKE COMPANY.

No. 639. *Elk Ridge Mine*.—This mine is located on the Northfork branch at Northfork. It is a drift mine, operating in the No. 3 Pocahontas seam.

The ventilation is produced by a fan, which was not sufficient for the amount of area to be ventilated. The ventilation in upper portion of the mine was exceedingly bad, and conditions was stifling.

Considerable dust existed, and sprinkling was not resorted to sufficiently. Steam locomotives are used for haulage inside the mine, necessitating a trap door, on the Pit mouth to cause the smoke and gases emitted from steam locomotives, to be on the return air-way to the fan. Trips passing in and out of the mine, necessitating said door to be open a considerable time, entirely deprived the mine workings of all ventilation while said door is open.

The conditions caused by the use of steam locomotives in this mine I consider abominable. Rules were posted, but no safety lamp was kept on hand. Kerosene oil was used and full kegs of powder taken in the mine. This mine was reported last year as Elk Ridge Mine, No. 602 of the printed report.

L. E. TIERNEY, Gen. Mgr.

JAMES HUDSON and JOHN J. DALY, Mine Bosses.

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY.

No. 640. *Norfolk Mine*.—This mine is located on the opposite side of the valley from Angle mine, and the same tippie is used.

Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by a 28-foot fan producing over 200,000 cu. ft. of air per minute.

The ventilation is first class. Drainage is good. Roof and timbering is good. Machinery and electric haulage equipment is first-class. Coal is shot

from the solid. Rules are posted. Safety lamps, stretchers with blankets are kept on hand. This mine was reported last year as Norfolk Mine, No. 613 of the printed report.

J. E. JONES, Gen. Mgr.

G. H. PILKENTON, Mine Boss.

R. S. WHITEHEAD, Supt.

No. 641. *Angle Mine*.—This mine is located on a branch road about two miles from Switchback. Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan and is first-class.

Drainage is very good. Roof and timbering is good. Gas is generated very slightly, can not be detected by safety lamp. Kerosene was used, and some full kegs of powder were found in the mine. Coal was shot from the solid.

Rules are posted, safety lamps and stretchers with blankets are kept on hand. This mine was reported last year as Angle Mine, No. 614 of the printed report.

J. E. JONES, Gen. Mgr.

G. H. PILKENTON, Mine Boss.

R. S. WHITEHEAD, Supt.

No. 642. *Lick Branch Mine*.—This mine is located on Elkhorn River between Ennis and Switchback. Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by an electrically driven fan, with an employe in constant attendance. The ventilation is first-class, and is well distributed.

The drainage is perfect, roof good where draw slate is down, and well timbered where required. Haulage roads are kept in good condition, and all together the management deserves credit. Electric motors are used for haulage. Kerosene oil was used, which has been the practice throughout this field for years. Rules are posted, safety lamps and stretchers with blankets are kept on hand. This mine was reported last year as Lick Branch Mine, No. 615 of the printed report.

J. E. JONES, Gen. Mgr.

J. K. WHITEHEAD, Mine Boss.

R. S. WHITEHEAD, Supt.

No. 643. *Delta Mine*.—This mine is located on Elkhorn river, near Switchback; it is a drift mine, operating in the No. 3 Pocahontas vein.

The ventilation is excellent, well distributed and carried around to the working places. Drainage is perfect, and the same creditable management obtained as at the Lick Branch Mine. Machinery and electric haulage equipment are first-class.

Kerosene oil is used. Electric lights are located at all switches. Preparations are being made to have the mine entrance built of concrete, and retaining walls on the outside. All other features of the law are honorably observed. This mine was reported last year as Delta Mine, No. 616 of the printed report.

J. E. JONES, Gen. Mgr.

J. K. WHITEHEAD, Mine Boss.

R. S. WHITEHEAD, Supt.

No. 644. *Shamokin Mine*.—This mine is located on Elkhorn river, on

the right, a short distance east of Switchback. Is a drift mine operating in No. 3 Pocahontas vein.

The ventilation is produced by a fan and is first-class, and well distributed.

All other conditions throughout, full obtains, as has been described at two preceding mines. A steam locomotive is used to haul the coal on the outside from the pit mouth to the tippie. This mine was reported last year as Shamokin Mine, No. 617 of the printed report.

J. E. JONES, Gen. Mgr.

A. O. COOPER, Mine Boss.

R. S. WHITEHEAD, Supt.

No. 645. *Cherokee Mine*.—This mine is located on the Northfork branch, below Ashland station. Is a drift mine, operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan; 25,280 cu. ft. of air was measured at the out let.

Steam locomotives, are used for haulage, on the inside of the mine.

The haulage road, was the, only traveling way for ingress and egress, and was used as the return air way. The smoke from the steam locomotive was so dense that I could not enter the interior of the mine. The management agreed to prepare the intake air way at once for a traveling way. Notices were posted prohibiting the use of kerosene oil, but all the employes, encountered were using kerosene oil unmixed, the management admitted that they had not intended to enforce said notice until compelled to do so. Rules were posted. Safety lamp, stretchers with blankets were on hand. This mine was reported last year as Cherokee Mine, No. 619 of the printed report.

J. C. SAUNDERS, Supt.

ELLIS SHEETS, Mine Boss.

No. 646. *Rolfe Mine*.—This mine is located on the Northfork branch at Rolfe station about two miles from Northfork.

It is a drift mine in the No. 3 Pocahontas vein.

This mine has not been in operation during the year; and no one is in charge. This mine was reported last year as Rolfe Mine, No. 618 of the printed report.

No. 647. *West Mine*.—Only a small part of this mine is in the State of West Virginia and the work being done is the drawing of pillars, which will soon be completed and the part of the mine in this State abandoned.

Wm. LCKIE, Supt.

W. C. WARBURTON, Mine Boss.

ELKHORN COAL AND COKE COMPANY.

No. 648. *Elkhorn Mine*.—This mine is located at Maybeury on Elkhorn river; is a drift mine, operating in No. 3 Pocahontas vein.

The ventilation is produced by a fan and is amply sufficient in volume.

The ventilation is good, but excessive shooting of coal from the solid, keeps the air current polluted. Steam locomotives are used for inside haulage, which travel a considerable listance into the mine, but on return

air ways. I consider the use of these steam locomotives, quite dangerous and certainly injurious to health.

The gases emitted from said locomotives are liable to accumulate and find lodgement in the old workings, where acres of excavated rooms exist, with their pillars waiting to be drawn. Drainage is good. Roof and timbering is good. Kerosene oil was used promiscuously. Considerable dust had accumulated, but which was quite well sprinkled. This mine was reported last year as Elkhorn mine, No. 620 of the printed report.

R. S. ORD, Supt.

L. B. HOLLIDAY, Mine Boss.

ZENITH COAL AND COKE COMPANY.

Nos. 649 and 650. *Zenith Nos. 1 and 2 Mines.*—These mines are located on the Northfork branch, at extreme upper end. They are drift mines, operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan, and is very good.

The air current has several splits. Drainage was good. The roof was very good; very little timbering needed.

Kerosene oil was being used to some extent. Coal was being shot from the solid. Rules were posted, safety lamp, stretcher with blankets were on hand. These mines were reported last year as Zenith Mines Nos. 1 and 2, Nos. 651 and 652 of the printed report.

S. S. COFFMAN, Supt.

J. M. WATT, Mine Boss.

THE TIDEWATER COAL AND COKE COMPANY.

No. 651. *Tidewater Mine.*—This mine is located on Elkhorn river at Vivian. Is a drift mine operating in the No. 3 Pocahontas vein. The ventilation is produced by three fans. One at the front of the mine, the second, inside the mine, and the third at the rear of the mine. All three fans working on one continuous current.

The ventilation was sufficient.

Gas is generated, and a fire boss is employed; every necessary precaution is taken. Drainage is good.

Doors and stoppings are in good condition. No rules were posted. This mine was reported last year as Tidewater Mine, No. 583 of the printed report.

J. H. MALSBY, Supt.

J. CAMPBELL, Mine Boss.

T. L. BOOTH, Fire Boss.

BOTTOM CREEK COAL AND COKE COMPANY.

No. 652. *Bottom Creek Mine.*—This mine is located on Elkhorn river at Vivian; operating in the No. 3 Pocahontas vein.

The ventilation is produced by an exhaust fan, the intake being on the opposite side of the mountain, the air traveling through a large territory of old workings before reaching the employees. The recommendation was made, that the air current be reversed, which was done, by a new force fan being installed.

The roof was well timbered.

Gas is liberated; a fire boss is employed and every precaution is taken. Miners' oil sold by the company is used. Doors and stoppings are in good condition.

No rules were posted.

This mine was reported last year as Bottom Creek Mine, No. 584 of the printed report.

S. W. PATTERSON, Supt.

ARTHUR STURM and F. S. CARROLL, Mine Bosses.

P. A. GRADY, Fire Boss.

PEERLESS COAL AND COKE COMPANY.

No. 653. *Peerless Mine*.—This mine is situated on Elkhorn river at East Vivian. Is a drift mine and operating in the No. 3 Pocahontas vein. The ventilation is produced by a fan, and is fairly good. A steam locomotive is operated on the haulage road which is used as the return airway.

I consider this steam locomotive establishes a dangerous condition by the gases emitted.

Drainage is good. The workings were quite dry and dusty to some extent, making it necessary to be sprinkled. Kerosene oil is used.

No rules were posted. This mine was reported last year as Peerless Mine, No. 585 of the printed report.

R. G. LUTHER, Supt.

THOS. WILDON, Mine Boss.

F. R. SIMCOX, Fire Boss.

THE EMPIRE COAL AND COKE COMPANY.

No. 654. *Empire Mine*.—This mine is located on Elkhorn river at Landgraf; is a drift mine operating in No. 3 Pocahontas vein. The ventilation is produced by a fan of large proportions, producing 135,000 cu. ft. of air. The ventilation is well conducted throughout the mine.

Stoppings and over casts are built of concrete. Haulage roads are kept in splendid condition. A costly and most perfect drainage exists.

Roof is good where draw slate is taken down. This draw slate is quite dangerous and requires precaution.

Some gas is liberated, a fire boss is employed, and all necessary precaution is observed.

Mr. W. D. Ord, the General Manager, is a practical mining man, and realizes the value and benefits of good conditions.

I consider the management throughout to be first-class. This mine was reported last year as Empire Mine, No. 586 of the printed report.

W. D. ORD, Gen. Mgr.

THOS. R. BARRETT, Mine Boss.

HARRY BARRETT and E. B. SCOTT, Fire Bosses.

SHAWNEE COAL AND COKE COMPANY.

No. 655. *Shawnee Mine*.—This mine is located on Elkhorn river at Eckman station. Is a drift mine; operating in the No. 3 Pocahontas seam.

The ventilation produced by fan is good. Drainage is good. No gas is

detected with a safety lamp. The oil used was satisfactory. The mine is quite dusty; but the dust is kept well sprinkled.

The coal is hauled by electric haulage.

This mine was reported last year as Shawnee mine, No. 587 of the printed report.

P. P. FLANAGAN, Gen. Mgr

P. E. BRAZEAL and MUNCY SEXTON, Mine Bosses.

EUREKA COAL AND COKE COMPANY.

No. 656. *Eureka Mine*.—This mine is located on Dans branch of Elkhorn river about one-half mile from Eckman station. Is a drift mine, operating in No. 3 Pocahontas seam. The ventilation is produced by a fan, which produces a sufficient volume of air, but the air current was not carried forward. Especially where pillar work was carried on there was no indication of any air current for long distances. Steps were ordered, taken at once, to construct brattices and to conduct the air to the working faces. The mine was quite dry, requiring the practice of sprinkling. Steam locomotives are used for haulage inside the mine. Powder was taken into the mine in kegs. No rules were posted. This mine was reported last year as Eureka mine, No. 588 of the printed report.

L. E. TIERNEY, Gen. Mgr.

CHAS. HUGHES, Mine Boss.

PULASKI IRON COMPANY.

No. 657. *Pulaski Mine*.—This mine is located at Eckman on Elkhorn river, and operates in the No. 3 Pocahontas vein. Is a drift mine and is ventilated by a fan, which produces first-class ventilation.

The air current is well conducted throughout the mine; trap doors and stoppings being in good condition.

The mine is quite dry. Where dust accumulates, sprinkling is resorted to.

The drainage is first-class. The oil used is satisfactory. All provisions of the mining laws are carefully observed.

I consider the general safety of this mine good; and the management most practical. This mine was reported last year as Pulaski Mine, No. 589 of the printed report.

PERCIVAL JOHNSON, Supt. of Mines.

J. M. SHANK, Mine Boss.

KEYSTONE COAL AND COKE COMPANY.

No. 658. *Keystone Mine No. 1*.—This mine is located at Keystone; is a drift mine operating in No. 3 Pocahontas seam. The ventilation is produced by a large and modern fan, which has been lately installed.

The ventilation is very good and well distributed. Doors and brattices are in good condition. The mine is somewhat dusty, and is sprinkled. Kerosene oil was being used.

The drainage is good. Some gas is liberated, a fire boss is employed.

Rules were posted. Stretchers and blankets are kept on hand. This

mine was reported last year as Keystone No. 1 Mine, No. 590 of the printed report.

J. K. F. STEELE, Gen. Mgr.

GEO. B. SMITH, Mine Boss.

GEO. COOPER, Fire Boss.

No. 659. *Keystone No. 2 Mine.*—Is situated on Elkhorn river at Keystone; is a drift mine, ventilated by a fan. The fan is of a small size and produces fair ventilation, but the air current was not carried forward sufficiently to the working faces.

Entries are being driven to connect with No. 1 mine, when both mines will be ventilated by the fan at No. 1 which will be ample for all purposes.

The drainage is good. Roof is good after draw slate is down.

Kerosene oil was used. Rules were posted, stretchers with blankets are kept on hand. This mine was reported last year as No. 2 Mine, No. 591 of the printed report.

J. K. F. STEELE, Gen. Mgr.

GEO. B. SMITH, Mine Boss.

LYNCHBURG COAL AND COKE COMPANY.

No. 660. *Lynchburg Mine.*—This mine is located on Elkhorn river, east of Northfork. Is a drift mine, operating in the No. 3 Pocahontas seam. This mine is ventilated by a fan. Steam locomotives were used for haulage and traveling on the only road, which could be used as an entrance from the front of the mine.

The condition created by the smoke was such that I was unable to advance a greater distance than where I was able to measure the outlet. The inspection of the mine was postponed until a later date, when the mine was entered by a rear opening, after an extensive climbing of the mountain. The ventilation was fair, where the smoke of the locomotive did not permeate. Drainage was bad in some places. The timbering was fair.

Kerosene oil was used promiscuously. Powder was taken in the mine in kegs. Rules were posted, but not enforced. A stretcher was found on hand, but no safety lamp. Since the last inspection the steam locomotives have been dispensed with and electric haulage substituted. This mine was reported last year as Lynchburg mine, No. 604 of the printed report.

L. E. TIERNEY, Gen. Mgr.

T. W. FITZSIMMONS, Mine Boss.

POWHATAN COAL AND COKE COMPANY.

No. 661. *Powhatan Mine.*—This mine is located on the Elkhorn river at Powhatan station. Is a drift mine, and operating in the No. 3 Pocahontas seam.

The mine is ventilated by a fan which produced a large volume of air but the air current was not carried forward sufficiently to the workings.

Drainage was good. Timbering was good. Kerosene oil was used.

On the 4th cross entry there was a large accumulation of dust which was very fine and dry, and had not been sprinkled. The second opening was not available as a traveling way.

A safety lamp, and stretcher were found on hand. No rules were posted.

This mine was reported last year as Powhatan Mine, No. 605 of the printed report.

L. E. TIERNEY, Gen. Mgr.

Wm. PEARMAN, Mine Boss.

UPLAND COAL AND COKE COMPANY.

Nos. 662 and 663. *Upland Nos. 1 and 2 Mines.*—This mine is located on Elkhorn river at Elkhorn station, operating in the No. 3 Pocahontas seam. Is a drift mine, and is ventilated by fan, which produces a large volume of air, but the air current is not distributed throughout the mine. There was no proper ventilation for the rooms, which were driven the limit of distance of 250 feet without any break throughs being made.

Drainage was good. Timbering was good. Kerosene oil was used and full kegs of powder taken into the mine.

Considerable dust was allowed to accumulate, and coal was shot from the solid, combining three most dangerous practices. A door was located near the pitmouth, which was required to be open, while trips was passing through, thereby cutting off the entire ventilation of the mine for the time being. A number of good overcasts were built. These mines were reported last year as Upland Nos. 1 and 2 Mines, Nos. 606 and 607 of the printed report.

J. J. LINCOLN, Gen. Mgr.

J. A. GRANTHAM, Mine Boss.

HOUSTON COAL AND COKE COMPANY.

No. 664. *Houston No. 1 Mine.*—This mine is located on Elkhorn river at Elkhorn station. Is a drift mine, operating in the No. 3 Pocahontas seam. The ventilation is produced by a magnificent fan of large proportions, producing over 126,000 cubic feet of air. The plan of development of this mine had been changed some years ago, from the double entry system, to what might be termed a single entry system. Entries were being driven singly, a distance of six hundred feet apart, and called drive ways. These entires when connected, if connection was made from each side equally, necessitated driving 300 feet ahead of the air current.

It was necessary to secure the assistance of two additional district inspectors before the management could be induced to agree that the law would hereafter be complied with. Drainage was good.

Kerosene oil was used. The motor trips did not have a signal light on front end.

This mine was reported last year as Houston No. 1 Mine, No. 608 of the printed report.

BENJ. LEWIS, Supt.

CHRIS. KERSHAW, Mine Boss.

No. 665. *Houston No. 2 Mine.*—This mine is located on Elkhorn river, beyond Elkhorn station. Is a drift mine, operating in the No. 3 Pocahontas seam. The ventilation is produced by a fan at No. 1 mine, this mine serving as an intake for No. 1 Mine. The same method of development was in vogue, as at No. 1 mine.

Places being driven extreme distances ahead of the air current, in viola-

tion of the law. Drainage was good. Considerable dust had been allowed to accumulate, and was not sufficiently sprinkled. This mine was reported last year as Houston No. 2 Mine, No. 609 of the printed report.

BENJ. LEWIS, Supt.

GEO. GUY, Mine Boss.

CROZER COAL AND COKE COMPANY.

No. 666. *Crozer No. 1 Mine.*—This mine is located on Elkhorn river, between Elkhorn and Ennis Stations. Is a drift mine operating in the No. 3 Pocahontas seam.

The ventilation is produced by a fan and was found to be sufficient.

Drainage was good. Roof was good where draw slate is down, and timbering is needed. Kerosene oil was used promiscuously. Considerable dust was allowed to accumulate; which was not sufficiently sprinkled, full kegs of powder were found in the mine; and coal was blasted from the solid, thereby, combining three very dangerous conditions.

All other details of the law were fairly observed. This mine was reported last year as Crozer No. 1 Mine, No. 610 of the printed report.

J. R. BAILEY, Supt.

J. F. TERRY, Mine Boss.

No. 667. *Crozer No. 2 Mine.*—This mine adjoins No. 1, and is connected therewith. The ventilation is produced by the same fan, at No. 1 Mine. The air current, after circulating throughout one mine, passes to the workings of the other, which I would consider quite unfit for ventilating purposes, after having served its purpose at the first mine.

Dust was allowed to accumulate in quite large quantities without being kept sufficiently sprinkled. Full kegs of powder allowed to be taken into the mine, and coal shot from the solid.

The management and miners declared it was impossible to mine the coal before shooting at this mine; while at the Turkey Gap Mine (located but a short distance on opposite side of the valley) the management declared they did not permit shooting from the solid.

Rules were posted. Safety lamp and stretcher were found on hand.

This mine was reported last year as Crozer No. 2 Mine, No. 611 of the printed report.

J. R. BAILEY, Supt.

R. B. SMITH, Mine Boss.

TURKEY GAP COAL AND COKE COMPANY.

No. 668. *Turkey Gap Mine.*—This mine is located on Elkhorn river, at Ennis Station. Has the record of the largest output of any single mine in the district, and is a most profitable mine, on account of its natural advantages. Is a drift mine; operating in the No. 3 Pocahontas seam.

The ventilation is produced by an exhaust fan located at the rear of the mine, and creates a large volume of air but is not conducted sufficiently to the working faces. Two steam locomotives are used for haulage inside the mine and travel, on both the main intake airways, the smoke and fumes created by said locomotives, pollute the entire atmosphere of the

whole mine with the exception of a very small territory, which is ventilated from a rear opening. One of the assistant mine bosses and Mr. McQuail, Pres. of the company, volunteered the astounding information, that all smoke and gases created by the locomotive, leaked through the stoppings along the main entry and reached the exhaust fan, thereby not encountering any working places. An unheard of statement in all annals of mining. Dust was allowed to accumulate in large quantities, and full kegs of powder was found in the mine. Kerosene oil was used.

Rules were posted, but not observed. Coal was mined before shooting.

This mine was reported last year as Turkey Gap Mine, No. 612 of the printed report.

E. J. McQUAIL, Supt.

J. P. JOHNSON, Mine Boss.

CIRRUS COAL AND COKE COMPANY.

No. 669. *Cirrus Mine*.—This mine is located at Big Four Station on Elkhorn river. Is a slope mine, operating in No. 3 Pocahontas vein.

The ventilation is produced by two small fans at the top of a down cast shaft. A portion of the mine has been developed on the single entry system, the ventilation is not carried forward to the working faces.

The drainage is very bad, no effort has been made for drainage.

Brattices are in bad condition, roofing paper being used on stoppings.

Mine is dusty in only one locality. Second opening consists of a ladder up the down cast shaft.

Some gas is generated and a fire boss is employed. No rules are posted.

This mine was reported last year as Cirrus Mine, No. 621 of the printed report.

JAS. F. BROPHY, Supt.

JAS. H. BROOMFIELD AND

W. F. PURDUE, Fire Boss.

E. J. FLANAGAN, Mine Bosses.

BIG SANDY COAL AND COKE COMPANY.

* No. 670. *Big Sandy Mine*.—This mine is located at Big Sandy on N. & W. Railroad. Is ventilated by two fans. Ventilation fair. Doors close automatically. Kerosene oil was used. On second inspection kerosene was still found in use, whereupon a number of employes were prosecuted and fined.

The law regarding break-throughs was not fully observed.

Proper refuge holes are not made along haulage road. No rules posted. Drainage not very good. Some dangerous loose top was found along haulage roads.

This mine was reported last year as Big Sandy Mine, No. 622 of the printed report.

D. M. WOODY, Supt.

J. C. SHORT, Mine Boss.

No. 671. *Marytown Plant*.—This mine is located on Tug river at Marytown. Operating in what is said to be the Davy No. 7 seam. Ventilated by fan. Ventilation found to be good. Drainage good. Timbering good. Miners oil used. Safety lamp and stretchers on hand. Rules posted.

This mine was reported last year as Marytown Mine, No. 623 of the printed report.

D. M. WOODY, Supt.

C. P. WOODY, Mine Boss.

MAHER COAL AND COKE COMPANY.

No. 672. *Maher No. 1 Mine.*—is located on Tug river at Twin Branch. Is a drift opening and was ventilated at time of first inspection by furnace. A fan was afterwards installed. Ventilation is good. Drainage not very good in places. Roof is good and fairly timbered. Second opening meets with requirements of the law.

No safety lamp on hand and no rules posted. Stretcher on hand.

This mine was reported last year as Maher Mine, No. 627 of the printed report.

ED. RHODEMYRE, Supt.

C. C. FULTZ AND

Succeeded afterwards by

M. J. BROGAN, Mine Bosses.

D. M. WOODY, Supt.

No. 673. *Maher No. 2 Mine.*—This is a new mine, just started shipping coal.

D. M. WOODY, Supt.

CHAS. WALTON, Mine Boss.

TWIN BRANCH MINING COMPANY.

No. 674. *Twin Branch Mine.*—This mine is located at Twin Branch on Tug river, is a drift mine, operating what is said to be the Davy No. 7 seam of coal.

Ventilation by a fan. At time of first inspection the stoppings were in such bad condition that the air current was not conducted throughout the mine. Drainage bad in places.

Miners oil sold in company store is used by the employes. Swinging doors are used throughout the mine, which turned the air very poorly. These were abolished after being so recommended.

This mine was reported last year as Twin Branch Mine, No. 628 of the printed report.

EDWARD RHODEMYRE, Supt.

J. H. GARDNER AND

Succeeded by

ALBERT LILLY, Mine Bosses.

D. M. WOODY, Supt.

JEWETT, BIGELOW AND BROOKS COLLIERIES COMPANY.

No. 675. *J. B. B. No. 1 or Hensley No. 1 Mine.*—Situated on Tug River at Clarren Station. Is a drift mine, and ventilated by furnace, operating what is said to be the Davy No. 7 seam of coal. Ventilation very deficient, could get no measurements with anemometer.

Connections was afterwards made with No. 3 Mine and ventilated by a fan. Drainage fair except at pit mouth. Top good and well timbered where needed. Oil used, was sold by the operating company which seemed of a poor quality.

No second opening obtained. Orders were given that not more than 20 men be employed until connections were made with No. 3 Mine.

A safety lamp was found on hand and stretcher, but no rules were posted.

This mine was reported last year as J. B. B. No. 1 Mine, No. 624 of the printed report.

D. M. WOODY, Supt.

JAS. HALL, Mine Boss.

No. 676. *J. B. B. No. 2 or Flourney No. 2 Mine.*—This mine is located on Tug River between Twin Branch and Marytown, is a drift mine. Ventilated by a furnace; a fan was later installed. With furnace; the ventilation was very bad. Ventilation very good after fan was installed.

Drainage fair. Roof good and fairly timbered. Miners oil sold by company was used.

No rules posted; no safety lamps on hand. Stretchers kept on hand.

This mine was reported last year as J. B. B. No. 2 Mine, No. 625 of the printed report.

EDWARD RHODEMYRE,

M. J. BROGAN, Mine Boss.

Succeeded by D. M. WOODY, Supt.

No. 677. *J. B. B. No. 3 or Hensley No. 3 Mine.*—Located on Tug River at Clarren Station, operating in what is said to be the Davy No. 7 seam of coal. Ventilated by fan but the mine was idle, not having been operated at time of first inspection since this company had taken possession, on account of construction development.

This mine was reported last year as J. B. B. No. 3 Mine, No. 626 of the printed report.

D. M. WOODY, Supt.

CHAS. PERKINS, Mine Boss.

Nos. 678 and 679. *J. B. Nos. 4 and 5 Mines.*—These are new mines. Just started shipping coal.

D. M. WOODY, Supt.

CHAS. WALTON, Mine Boss.

VAUGHAN COAL AND COKE COMPANY.

No. 680. *Cambridge or Vaughan Mine.*—This mine is located at Vaughan Station, about one mile east of Roderfield. It is ventilated by a furnace, operating what is said to be the Davy or No. 7 seam of coal. At time of first inspection, the mine was idle and furnace was dead. On second inspection the ventilation was found to be quite deficient. The company gave assurance that a fan would be installed at once. Drainage was bad. Oil used, is what is sold by company as miners oil.

No rules posted. No safety lamp on hand. Stretchers on hand.

This mine was reported last year as Cambridge Mine, No. 629 of the printed report.

MATTHEW HALL, Supt.

WALTER HALL, Mine Boss.

SUPERIOR POCAHONTAS COAL COMPANY.

No. 681. *No. 1 or Blackstone Mine.*—This mine is a drift mine located at Davy on Tug River. Is ventilated by a furnace which is entirely inadequate for the territory to be ventilated.

Drainage was good. Top fairly good and properly posted. Miners oil was used by the employes.

This mine was reported last year as No. 1 or Blackstone Mine No. 630 of the printed report.

P. J. RILEY, Supt.

F. M. COOK, Mine Boss.

No. 682. *No. 2 or Davy Crockett Mine.*—Is a drift mine located at Davy on Tug river operating in Davy No. 7 seam. Ventilated by a furnace which is inadequate.

Drainage is good. Top good and needs little timbering.

Powder taken in mines in kegs. No rules posted; no safety lamp kept on hand.

This mine was reported last year as No. 2 or Davy Crockett Mine, No. 631 of the printed report.

P. J. RILEY, Supt.

LANE HUBBARD, Mine Boss.

No. 683. *No. 3 or Helena Mine.*—This mine is located about one mile from Davy on Tug River. Is a drift mine, operating in what is said to be the Davy or No. 7 seam. Ventilated by a furnace. Ventilation fair. Drainage good. Powder was taken into the mine in kegs. No rules were posted; no safety lamp kept on hand.

This mine was later closed down on account of extensive improvements being made.

This mine was reported last year as No. 3 or Helena Mine, No. 632 of the printed report.

P. J. RILEY, Supt.

LAFE McGUIRE AND

ALF THOMPSON Mine Bosses.

No. 684. *No. 4 or Cletus Mine.*—Is located on Tug River at Davy about one half mile east of Davy Station. Is a drift mine operating in Davy No. 7 seam of coal.

Had been ventilated by a furnace. This mine was not operated since the above company had come into possession. No inspection was made.

This mine was reported last year as Cletus Mine, No. 633 of the printed report.

P. J. RILEY, Supt.

JOHN MOORE, Mine Boss.

PANDO COAL COMPANY.

No. 685. *Pando or Short Creek Mine.*—This mine is located on Tug River at Short Creek about 2 miles east of Davy; and was owned formerly by Short Creek Coal Company. Is a drift mine and ventilated by a furnace.

At the time of my first visit the mine was idle, and no inspection could

be made. Since the Pando Coal Company has taken possession, the old workings have been abandoned, and more modern openings are now being made at Antler.

Developments are in progress, to work the two veins, about 20 to 30 feet of strata between. A fan is being constructed to ventilate openings in both veins.

This mine was reported last year as Short Creek Mine, No. 635 of the printed report.

F. M. DAUGHERTY, Supt.

FRANK DOWNS AND

F. D. KNIGHT, Mine Bosses.

ANTLER COAL AND COKE COMPANY.

No. 686. *Antler Mines*.—These mines are located at Antler about three and a half miles west of Welch. Is a drift mine and consists of three openings. Operating in what is said to be the No. 7 seam of coal.

The one opening, No. 3, is ventilated by a furnace while the other two have but natural ventilation, and employing but a few men, not a sufficient number to come under the law. The ventilation in No. 3 opening was very deficient, break-throughs and stoppings neglected to such an extent that the air current was not carried forward.

Top fairly good. Drainage bad. No rules were posted. No safety lamp nor stretchers and blankets on hand. The company has given assurances that a fan will be installed at once and all recommendations will be complied with.

This mine was reported last year as Antler Mine, No. 637 of the printed report.

JAMES A. HENCHEY, Supt.

HOEY SHEPHERD, Mine Boss.

UNITED STATES COAL AND COKE COMPANY.

No. 687. This company operates eight mines on the Gary Branch of the Norfolk & Western R. R., having the offices of the company at Gary, seven miles from Welch. Four additional mines are being opened; making twelve in all. A magnificent power plant located at Gary furnishes electric power for all the mines, and coke yards, the power is generated at 6600 voltage alternating current, and is transformed, at each mine to 250 volts direct current.

EDW. O'TOOLE, General Supt.

No. 1 Mine.—Is a shaft mine, located about four miles from Welch, and operates in both the Nos. 3 and 4 veins about 80 feet of strata between. The ventilation is splendid; and is conducted to within a few feet of the working faces by the use of brattice cloth, from last break-through. Roof is good after slate is taken down. Drainage good. The mine generates some gas, but the ventilation is superb.

Rules are posted in many languages. All provisions of the mining laws are fully observed; and conditions throughout the mines are far beyond

any law requirements. The ventilation is of the quadruple and treble entry systems, with over casts and all stoppings built of concrete.

This mine was reported last year as No. 1 Mine, No. 638 of the printed report.

M. McPARLAND, Supt.

J. L. MULLINS AND

A. L. NAPIER, Fire Boss.

V. TAYLOR, Mine Bosses.

No. 688. *No. 2 Mine.*—Is located about one mile west of Gary; is a drift mine and operates in the No. 4 seam of coal. Is ventilated by a fan, ventilation is first class, far beyond law requirements. Roof is good. Drainage is good. All provisions of the law are fully complied with, and conditions far beyond law requirements. Ventilation is conducted on the quadruple and treble entry system.

On haulage road, man ways at short intervals and white washed completely, lead to an independent traveling road, which is kept in ideal condition. The haulage roads are well lighted by electricity.

This mine was reported last year as No. 2 Mine, No. 639 of the printed report.

MIKE CONNELLY, Supt.

PETER McLINDEN AND

THOS. LOUGHRAN, Mine Bosses.

No. 689. *No. 3 Mine.*—Is located at Gary; is a drift mine operating in the No. 4 seam. Is ventilated by a fan of large dimensions, creating an immense volume of air which is conducted throughout the mine by a number of splits.

Overcasts and stoppings are built of concrete. Ventilation is superb. Rules are posted in many languages. All provisions of the mining law are fully complied with, and conditions are far beyond any law requirements. Haulage roads are wide and refuge holes at short intervals are all whitewashed.

This mine was reported last year as No. 3 Mine, No. 640 of the printed report.

F. E. KING, Supt.

M. P. BRADY, Mine Boss.

No. 690. *No. 4 Mine.*—Is located at Jared about four miles above Gary, is a drift mine operating in No. 3 seam. Is ventilated by a fan. Ventilation very good. A few places were found, in excess of the legal distance ahead of last break-throughs. Roof is good after draw slate is down. All other conditions are equal to the conditions of the other mines already described.

This mine was reported last year as No. 4 Mine, No. 641 of the printed report.

JAMES HORNE, Supt.

JOHN SIZEMORE, Mine Boss.

No. 691. *No. 5 Mines.*—Are located above Jared, adjoining No. 4 Mine. Is operating in No. 3 vein of coal. Is ventilated by a fan, and the same first class system of ventilation obtains, as at the other mines already described. A few places were found where the ventilation was not carried sufficiently forward. Roof is good where draw slate is down.

Provisions of the law are fully complied with and conditions in all respect are far beyond law requirements. Overcasts and stoppings are built of concrete; and refuge holes along haulage roads are whitewashed.

This mine was reported last year as No. 5 Mine, No. 642 of the printed report.

JOHN KFARNS, Supt.

CICERO REEDY, Mine Boss.

No. 692. *No. 6 Mine.*—Is located at Sand Lick about one and a half miles above Gary and is operating in the No. 4 seam. Is ventilated by a fan of immense proportions, creating at least 600,000 cu. ft. of air or more.

Is ventilated on the quadruple and treble entry system, with overcasts with numbers of splits. Ventilation is far beyond any law requirements, as are all other conditions throughout the mine. Independent traveling roads are provided, to which man ways lead from the motor haulage roads, the entrances of which are all whitewashed.

This mine was reported last year as No. 6 Mine, No. 643 of the printed report.

J. V. RHODES, Supt.

MIKE ZURICK, Mine Boss.

No. 693. *No. 7 Mine.*—Is located at Sand Lick above No. 6 Mine. Is a drift mine operating in the No. 4 seam of coal. Is ventilated by a fan. The ventilation is splendid and all other conditions far beyond law requirements as already described at the other mines.

This mine was reported last year as No. 7 Mine, No. 644 of the printed report.

A. J. STEWART, Supt.

GEO. CASTLE, Mine Boss.

No. 694. *No. 8 Mine.*—This mine is situated at Sand Lick above No. 7 Mine and consists of two sections, A and C, which are two separate openings or mines, but the coal is taken to the one tippie.

The No. 4 seam of coal is worked at both openings. Both openings are ventilated by fans. The ventilation is very good. All other provisions of the law are fully complied with.

This mine was reported last year as No. 8 Mine, No. 645 of the printed report.

M. H. LISTON, Supt.

R. M. PITTMAN, Mine Boss at Sec. A.
K. C. BRENT, Mine Boss at Sec. C.

No. 695. *No. 9 Mine.*—This mine is located on Sand Lick about 3 miles from No. 8 Mine. Is a drift mine, operating in No. 4 seam of coal, which is found at this place 10 feet in height.

This mine is now in course of being opened.

M. H. LISTON, Supt.

S. P. DELLARD, Mine Boss.

No. 696. *No. 10 Mine.*—This mine is located about one and a half miles above Gary towards Pageton. Is just being opened, and will operate in No. 3 vein.

S. P. REYNOLDS, Supt. and Mine Boss.

No. 697. *No. 11 Mine.*—Is located about one and a half miles above Gary, opposite No. 10 Mine. This mine is just being opened. Both the No. 3 and No. 4 veins will be operated. One fan will be used to ventilate both openings.

C. C. GEIGER, Supt. and Mine Boss.

No. 698. *No. 12 Mine.*—Is located on Tug River about five miles above Pageton. Is just being opened; in the No. 3 vein of coal.

H. T. GRAHAM, Supt. and Mine Boss.

MOHAWK COAL AND COKE COMPANY.

No. 699. *Mohawk Mine.*—This mine is located on Tug River a few miles east of Panther on the Norfolk & Western R. R. the ventilation is produced by an exhaust fan.

Ventilation was found to be sufficient, brattices not in good condition.

Kerosene oil was used. No rules were posted. No safety lamp on hand. And no blankets provided with stretcher. Steam locomotive is used for haulage, which travels into the mine a good distance, being on the return air-way, which is also used for the traveling way for the employes.

The second opening meets with the requirements of the law.

This mine was reported last year as Mohawk Mine, No. 646 of the printed report.

W. T. HEATHERMAN, Supt.

W. P. FARNEY, Mine Boss.

At time of second inspection D. L. JOSEPH, Mine Boss.

WELCH COAL AND COKE COMPANY.

No. 700. *Welch Mine.*—Is located about one half mile west of Welch; is a drift mine and is ventilated by a furnace. Ventilation was badly neglected and not conducted throughout the mine. Drainage bad. Roof good, requiring little or no timbering. Kerosene oil was used promiscuously, but a number of prosecutions eradicated the practice.

No rules posted; no safety lamp kept on hand.

This mine was reported last year as Welch Mine, No. 647 of the printed report.

C. A. DEVINNEY, Supt.

JOHN L. PURDUE AND

Succeeded by F. J. BAXTER, Supt.

R. T. HOPKINS, Mine Bosses.

HEMPHILL COLLIERIES COMPANY.

No. 701. *Hemphill Mine.*—This mine is situated at Hemphill, is a drift opening and ventilated by a furnace. Operates what is known as the Welch seam of coal which is about 3 feet in height.

At the time of my visit, the ventilation was badly neglected. On a subsequent visit, the ventilation was found quite fair, but was not carried forward.

Drainage was bad. Top good. No rules posted; no safety lamp on hand.

This mine was reported last year as Hemphill, No. 648 of the printed report.

C. A. DEVINNEY, Supt.

W. F. SPICER, Mine Boss.

Succeeded later by F. J. BAXTER, Supt.

SLICK ROCK COAL COMPANY.

No. 702. *Slick Rock Mine.*—This mine is located about one half mile west of the town of Welch and operates in the Welch seam of coal. Is ventilated by a furnace which is not sufficient for the purpose. The ventilation was very poor. Drainage fair. The oil used was satisfactory.

No rules posted; no safety lamp on hand. Only a few men were employed at this mine so the mining law did not apply, until the new mining law become effective May 22, 1907.

This mine was not reported last year.

W. J. McCLAREN, Gen. Mgr.

J. E. JONES, Mine Boss.

OREGON COAL COMPANY.

No. 703. *Imo Mine.*—This is a drift mine and was ventilated by a furnace which was entirely insufficient. Ventilation being very bad. A fan was afterwards installed which produces ventilation sufficient for all purposes.

Drainage bad. Roof fairly good. Boys were found employed inside the mine only 10 and 12 years of age.

No rules were posted; no safety lamp, stretcher or blankets were kept on hand.

This mine was reported last year as Imo or No. 1 Mine, No. 649 of the printed report.

W. B. HONAKER, Gen. Mgr.

S. S. HARRIS, Mine Boss.

No. 704. *McClaren Mine.*—This company operates two mines at Hemphill about three fourths of a mile west of Welch. Is a drift mine, operating in what is said to be the Davy seam, it is ventilated by a furnace. At the time of my first visit the ventilation was found to be outrageously neglected, the mine boss, Geo. Monk, who was also performing the duty of furnace man, was found asleep outside, and no fire in the furnace.

Intended prosecution for neglect of duty was deferred on account of the company's promise to improve the management.

Drainage was very bad. Roof fairly good. Kerosene oil was used. After the second inspection, the use of Kerosene oil was abandoned, as a result of the prosecution of a number of the employees.

No rules posted. And no safety lamps kept on hand.

This mine was reported last year as McClaren or No. 2 Mine, No. 650 of the printed report.

W. B. HONAKER, Gen. Mgr.

GEO. MONK, Mine Boss.

Succeeded by S. W. FRY, Mine Boss.

PAGE COAL AND COKE COMPANY.

No. 705. *No. 1 Mine.*—This mine is located on Belchers branch of Tug River at Pageton. Is a drift mine, operating in the No. 3 vein. The ventilation is produced by a fan; and was found to be not sufficient in rooms and not carried sufficiently forward at the head of the entries.

Kerosene oil was used to a great extent. Rules were posted. Safety lamp and stretcher with blankets were kept on hand. The mine was slightly dusty.

This mine was reported last year as No. 1 Mine, No. 653 of the printed report.

SAMUEL EVANS, Supt.

J. A. GALLIMORE, Mine Boss.

No. 706. *No. 2 Mine.*—This mine is located on Belchers branch of Tug River at Pageton. Is a drift mine operating in the No. 3 Pocahontas vein.

The ventilation is produced by a fan which is very good. This mine had but one opening, available as a traveling way. Drainage was good. No gas is known to be liberated.

Rules are posted. Safety lamps and stretcher with blankets are kept on hand.

SAMUEL EVANS, Supt.

J. A. GALLIMORE, Mine Boss.

No. 707. *No. 3 Mine.*—This mine is located on Tug River proper, is a drift mine operating in No. 3 vein. Is just being opened.

SAMUEL EVANS, Supt.

J. A. GALLIMORE, Mine Boss.

BLACK WOLF COAL AND COKE COMPANY.

No. 708. *No. 4 Mine.*—This mine is located on Tug River, about one mile below Pageton. It is a drift mine operating in No. 4 vein.

This mine is being opened and no inspection was made.

It is intended by this company to open several more mines at this place.

E. C. BERKELEY, Supt. and Mine Boss.

THE MIDDLE STATES COAL AND COKE COMPANY.

No. 709. *No. 11 or Middle States Mine.*—This mine is located about two miles above Welch on Elkhorn River at Huger Station. Is a shaft mine and operating in No. 4 seam of coal. Is ventilated by a fan, which supplies abundance of ventilation. Drainage is very good. Roof is fairly good. The mine generates gas and every precaution is taken. This mine is only in course of development, a temporary tippie is being used.

No rules were posted.

HARRY CAMERON AND

C. E. F. BURNLEY, Supts.

JAS. H. COOPER AND

F. M. GOUST, Mine Bosses.

J. H. WILLIAMS, Fire Boss.

THE KING COAL COMPANY.

No. 710. *King Mine*.—This mine is situated on Laurel Creek above Kimble. It is a slope mine, operating in the No. 3 Pocahontas vein.

Is ventilated by a fan which produces splendid ventilation. Gas is generated and a fire boss is employed. Roof is good. Miners oil sold by the company is used. The general safety is good. This mine had but one opening at the time of first inspection and was only in course of being opened. Orders were given, that not more than 20 men be employed until the second opening be made.

Since then connections with Tidewater has been made. No rules were posted, and coal was being shot from the solid.

This mine was reported last year as King Mine, No. 656 of the printed report.

J. W. MALSBY, Supt.

M. FLANINGAN AND

W. H. SANFORD, Mine Bosses.

C. H. BOLLING, Fire Boss.

VIRGINIA-POCAHONTAS COAL COMPANY.

No. 711. This company operates four mines at Coalwood, situated on Clear Fork of the N. & W. railroad on a branch line about 8 miles from Gordon on main line.

No. 1 Mine.—On first inspection was ventilated by a furnace and was very deficient. On second inspection a 7-foot fan was installed. The fan produced an abundance of air but was not carried forward at all. A number of men was stopped working on account of lack of ventilation.

Kerosene oil was used promiscuously at time of first inspection. On second inspection, the oil used was what is sold the employees by operating company as miners oil which apparently produces as much smoke as kerosene. Second opening did not come up to law requirements, containing a great deal of water and was closed by a door which was fastened.

Stretcher on hand but no blankets for same. A safety lamp on hand, but no oil for use in same.

This mine was reported last year as No. 1 Mine, No. 657 of the printed report.

AARON COLLIER, Supt.

J. L. VANCE, Mine Boss.

Succeeded later by

JAS. ALLEY, Gen. Mine Boss.

JOHN STEWART, Supt.

No. 712. *No. 2 Mine*.—Consists of two openings, the east and west openings. Each opening ventilated by furnace which is not sufficient to carry ventilation around the working places. Drainage was not very good. Doors were not air tight. And employees very poorly disciplined, having been in practice of leaving doors stand open.

Kerosene oil was used but the practice was abolished after prosecution was threatened. Stretcher on hand but no blankets. Safety lamp on hand but no oil for same. No rules posted.

This mine was reported last year as No. 2 Mine, No. 658 of the printed report.

AARON COLLIER, Supt.

F. J. BOLEN, Mine Boss.

Succeeded later by

Succeeded later by

JOHN STEWART, Supt.

GEO. RATLIFF, Mine Boss.

JAS. ALLEY, Gen. Mine Boss.

No. 713. *No. 3 Mine.*—Is ventilated by a furnace. Ventilation was found to be fair. Drainage not very good. Roof very good, needing little timbering. Kerosene oil was used, which practice was dispensed with. No second opening, but which was afterwards made to meet law requirements. No rules were posted. No stretchers or blankets on hand. No safety lamp provided.

This mine was reported last year as No. 3 Mine, No. 659 of the printed report.

AARON COLLIER, Supt.

JAS. ALLEY, Gen. Mine Boss.

Succeeded by John STEWART, Supt.

T. B. FISHER, Mine Boss.

No. 714. *No. 4 Mine.*—Was ventilated by a furnace. Ventilation was found to be quite fair at time of first inspection. On second inspection, a number of men were stopped on account of lack of ventilation. A fan was being installed according to instructions. Drainage was not very good. Kerosene oil was used, which practice was dispensed with upon being notified. There was no second opening at time of first inspection. But orders regarding same were afterwards complied with. No safety lamp on hand, nor stretchers or blankets. No rules posted.

This mine was reported last year as No. 4 Mine No. 660 of the printed report.

AARON COLLIER, Supt.

JAS. ALLEY, Gen. Mine Boss.

Succeeded by

H. H. FISHER, Mine Boss.

JOHN STEWART, Supt.

NEW RIVER AND POCAHONTAS CONSOLIDATED COAL COMPANY.

No. 715. *No. 1 Mine.*—Ventilated by a furnace at time of first inspection; on the second inspection by a large and powerful fan. On the first inspection the ventilation was deficient at head of entries but on the second inspection an abundance of air was provided.

Drainage was very good. Roof very good, requiring little or no timbering. Kerosene oil was used. Stoppings are all built of concrete; and overcasts at every pair of cross entries.

This mine was reported last year as No. 1 Mine, No. 661 of the printed report.

GEO. P. DANIELS, Supt.

H. J. REID, Mine Boss.

L. EPPERLY, Asst. Supt.

No. 716. The mines of this company are located at Berwind on Dry Fork about 28 miles from Leager by railroad.

No. 1 1-2 Mine.—Was ventilated by furnace and is only in course of

development. Entries are being driven to connect with No. 2 Mine when both mines will be ventilated with a large fan. Ventilation was found deficient at head of entries.

Stoppings are all being built of concrete, and overcasts of concrete at each pair of cross entries, thereby furnishing a separate volume of air for each pair of cross entries. Gathering motors are to be used in place of mules. There was no second opening as required by law.

This mine was reported last year as No. 1½ Mine, No. 662 of the printed report.

GEO. P. DANIELS, Supt.
L. EPPERLY, Asst. Supt.

J. W. JOHNSON, Mine Boss.

No. 717. *No. 2 Mine.*—This mine was ventilated with a furnace at time of first inspection, upon second inspection a fan had been installed. Ventilation was good. Top was good and very little timbering needed. The law regarding powder was complied with. Stoppings are built of brick and cement and overcasts built of concrete.

This mine was reported last year as No. 2 Mine, No. 663 of the printed report.

GEO. P. DANIELS, Supt.
L. EPPERLY, Asst. Supt.

A. C. REED AND
C. RHODES, Mine Bosses.

No. 718. *Mine No. 3.*—At time of last inspection this mine was only being opened. The main entry having been driven but a short distance. No certificate of inspection was issued.

This mine was reported last year as No. 3 Mine, No. 664 of the printed report.

GEO. P. DANIELS, Supt.
L. EPPERLY, Asst. Supt.

W. F. WHITT AND
C. RHODES, Mine Bosses.

DIXON-POCAHONTAS FUEL COMPANY.

No. 719. *North Side Mine.*—Is located at Olmsted on Elkhorn River above Huger. Is a shaft mine operating the No. 4 seam of coal. This mine is in course of development and is being ventilated by a temporary fan, which produces sufficient ventilation for all purposes at present.

Some gas is generated but it is carefully looked after. The mine produces a large volume of water.

J. P. DAVIS, Gen. Mgr.

MIKE LILLY, Mine Boss.

JED COAL AND COKE COMPANY.

No. 720. *Jed Mine.*—Is located about two miles from Welch on Gary branch. Is a shaft mine, and will operate in No. 3 vein. This mine is just being developed.

Several visits have been made to this mine, but no inspection has been made. This mine was reported last year as Jed Mine, No. 665 of the printed report.

GEO. W. BRYMER, Supt.

PETER McLINDEN, Mine Boss.
LOUIS FODER, Fire Boss.

YUKON COAL COMPANY.

No. 721. *Yukon Mine*.—This mine is located on Dry Fork branch about 21 miles from Iager. Ventilation is produced by a furnace and was very bad.

Brattices are not kept up.

Kerosene oil was used. Full kegs of powder were found dangerously near the working face, where shooting from solid was practiced.

The mine had but one opening available as a traveling way.

No rules were posted, and no safety lamps kept on hand.

HOWARD MEYERS, Supt.

BENJ. C. CORDLE, Mine Boss.

J. H. MITCHELL.

No. 722. *County Seat Mine*.—This mine only employs 3 men, consequently does not come under the jurisdiction of the mine law and for this reason was not inspected.

J. H. MITCHELL, Supt. and Mine Boss.

MERCER COUNTY.

MILL CREEK COAL AND COKE COMPANY.

No. 723. *Mill Creek Mine*.—This mine is located on Mill Creek, a short distance west of Coopers, at east end of the big tunnel. Is a drift mine, operating in the No. 3 Pocahontas vein.

The ventilation is produced by two fans the one fan located at the front of the mine and the other at the rear. The coal is taken from two openings. Electric haulage is used in the front or main opening, steam locomotive haulage having been abolished. Steam locomotive haulage was used, in the rear or west opening, but has since been abolished. The ventilation is very good.

The barrier pillar, between this mine and the ill-fated Pocahontas West mine at Pocahontas, Va., (which adjoins) has been drawn for a considerable distance, thereby connecting the ventilation of the two mines, and in my opinion, establishes a dangerous condition in case of explosions. Drainage is good.

Roof very well timbered where required. Kerosene oil was used. The is dusty but was well sprinkled. This mine was reported last year as Mill Creek Mine, No. 666 of the printed report.

C. E. F. BURNLEY, Supt.

M. F. DIXON, Mine Boss.

COALDALE COAL AND COKE COMPANY.

No. 724. *Coaldale Mine*.—This mine is located on Elkhorn river at Coaldale; is a drift mine, operating in No. 3 Pocahontas vein.

The ventilation is produced by a fan, is very good and well distributed.

Near the locality, where the disastrous explosion occurred on January 4, 1906, in which 22 lives were lost, the ventilation was excellent. In place

of dust, existing (which had considerable to do with the cause of said disaster) that portion of the mine is now quite wet, caused by breaks in the strata after pillars have been drawn.

Drainage is good. Roof is well timbered where required. Kerosene oil is used. Coal was being shot from the solid. Safety lamps and stretchers with woolen and rubber blankets are kept on hand. I consider the condition of this mine at present, to be very good as to the general safety. Mr. Burnley, who is now in charge of the management is a careful and most competent mine manager.

C. E. F. BURNLEY, Supt.

GEO. L. SMITH, Mine Boss.

No. 725. *Tug River Mine*.—This mine is located on Tug River, a portion of it extending into Tazewell Co., Virginia. It is a drift mine, operating in the No. 3 Pocahontas seam.

The output is hauled by steam locomotives, from the mine to the tippie of Mill Creek mine. This mine has recently been opened, and at the time of inspection, had been closed down since May 1st.

No means of mechanical ventilation has yet been installed, but is intended to install a fan.

C. E. F. BURNLEY, Supt.

GEO. L. SMITH, Mine Boss.

BUCKEYE COAL AND COKE COMPANY.

No. 726. *Buckeye Mine*.—This mine is located on Simmons creek; is a drift mine, operating the No. 3 Pocahontas seam.

The ventilation is produced by a fan. Three steam locomotives are used for haulage inside the mine. The condition of the atmosphere, was such, (due to the smoke and fumes emitted from the steam locomotives) that I consider it dangerous to health to enter the mine in that condition. The management stated that the employes entered to their work before the steam locomotives were taken in the mine and returned from work after the mine ceased operation for the day.

The drainage was very bad on haulage road. Employes made many complaints of lack of ventilation. No safety lamp was kept on hand. Rules were posted at office in place of at mine. Stretchers were found on hand. This mine was reported last year as Buckeye mine, No. 668 of the printed report.

J. C. PACK, Gen. Mgr.

JOHN H. WILLIAMS, Mine Boss.

F. R. HEWITT, Supt.

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY.

No. 727. *Elkhorn Opening, Caswell Creek Mine*.—This mine is located on Simmons creek, about two miles from Simmons. Is a drift mine operated in the No. 3 Pocahontas vein. The ventilation is produced by a fan, and is very bad in many places, near the workings. This mine is one of the pioneer mines of the Pocahontas field, having been in operation for a number of years during which time the management was sadly neglected, so far as ventilation was concerned. Since the present management has been assumed, it is apparent that considerable improvement has been made

in ventilation. A new fan is on the ground and will be constructed. Drainage is bad in places. Little timbering is required.

Miners and day men used kerosene oil promiscuously. Steam locomotives are used for inside haulage.

Rules are posted. Safety lamps, and stretchers are kept on hand. This mine was reported last year as Caswell creek mine, No. 669 of the printed report.

J. E. JONES, Gen. Mgr.

LEE ODHAM, Mine Boss.

No. 728. *Hemlock opening, Caswell Creek Mine.*—This mine is located next to the Elkhorn opening, the coal going to the same tippie. Is a drift mine, operating in No. 3 Pocahontas vein. The ventilation is produced by a fan, and is very poor.

The ventilation was very weak in places and not carried forward to the working places. Drainage was bad in places.

Kerosene oil was used promiscuously. The second opening or traveling way up "Hunk" hollow was not passable.

Steam locomotives are used for inside haulage, the smoke and fumes from the same are exceedingly obnoxious.

Rules are posted; safety lamps, and stretchers are kept on hand. This mine was reported last year as part of Caswell Creek mine, No. 669 of the printed report.

J. E. JONES, Gen. Mgr.

LEE ODHAM, Mine Boss.

BOOTH-BOWEN COAL AND COKE COMPANY.

No. 729. *Booth-Bowen Mine.*—This mine is located at head of Simmons creek, is a drift mine, operating in No. 3 Pocahontas vein.

The ventilation is produced by a fan, and would be very good ventilation, but for the smoke created by the steam locomotives which are used for haulage.

Drainage is bad in some places.

Kerosene oil was used promiscuously.

Safety lamp, and stretchers are kept on hand. Rules are posted. This mine was reported last year as Reliance Mine, No. 671 of the printed report.

JONATHAN P. BOWEN, Supt.

B. F. BRAY, Mine Boss.

LOUISVILLE COAL AND COKE COMPANY.

No. 730. *Louisville No. 2 and Klondike Mine.*—This mine is located at head of Flipping creek, has several drift openings, operating in the No. 3 Pocahontas vein.

The ventilation is produced by a fan, which is entirely too small for the purpose required. The ventilation was insufficient. Drainage very bad.

Kerosene oil was used. Conditions indicated very bad management and gross neglect in the past; some improvement was being made. No rules were posted.

No safety lamp on hand. This mine was reported last year as Louisville Nos. 1, 2 and 3 Mines, No. 672 of the printed report.

A. M. HERNDON, Supt.

JAIRUS COLLINS, Gen. Mgr.

ED. BUCKHANAN and J. W. MONTGOMERY, Mine Bosses.

No. 731. *Goodwill Mine*.—This mine is located at the head of Flipping creek, was owned formerly by the Goodwill Coal and Coke Company.

Is a drift opening, operating in the No. 3 Pocahontas seam. The ventilation is produced by a fan. The ventilation is fair. Drainage is good.

Kerosene oil is used. No rules were posted and no safety lamp on hand. This mine was reported last year as Goodwill Mine, No. 673 of the printed report.

A. M. HERNDON, Supt.

JAIRUS COLLINS, Gen. Mgr.

GEO. L. McNEW and J. W. MONTGOMERY, Mine Bosses.

PINNACLE COAL AND COKE COMPANY.

No. 732. *Pinnacle Northside Mine*.—Is located across from the South side opening, the coal from both openings going to same tippie. The ventilation is produced by a fan, and is very good. Drainage is very good. Machinery and equipment are first-class. Kerosene oil is used. Rules are posted; safety lamp and stretchers are kept on hand. This mine was reported last year as Pinnacle North, No. 674 of the printed report.

T. O. DEANMER, Supt.

J. L. DEWESE, Mine Boss.

No. 733. *Pinnacle South Side Mine*.—This mine is located on Pinnacle creek, is a drift mine, operating in the No. 3 seam, Pocahontas vein.

The ventilation is produced by a fan and is very good, except at head of 1st main entry. Drainage is fair.

Machinery and equipment are first-class. Kerosene oil was used.

Rules are posted, safety lamp, and stretchers are kept on hand. This mine was reported last year as Pinnacle South, No. 675 of the printed report.

T. O. DEANMER, Supt.

J. L. DEWESE, Mine Boss.

CRANE CREEK COAL AND COKE COMPANY.

Nos. 734 and 735. *Crane Creek Mine*.—This mine is located at head of Crane creek, is a drift mine, operating in the No. 3 Pocahontas vein.

The ventilation is produced by a fan and was not sufficient. The ventilation was bad on Widemouth and Mohawk entries. Drainage was good.

Machinery and equipment were first-class.

Kerosene was used. Safety lamp and stretchers are kept on hand; and rules are posted. This mine was reported last year as Crane Creek No. 1 Mine, No. 676 of the printed report.

T. O. DEANMER, Supt.

JAS. H. HUGHES, Mine Boss.

CRYSTAL COAL AND COKE COMPANY.

No. 736. *Crystal Mine*.—This mine is located on Crane Creek, is a drift mine, operating in No. 3 Pocahontas vein. The ventilation is produced by a fan, which creates a good volume, but the same is not carried forward to the workings.

The drainage was very bad. The haulage road, especially on No. 2 Main Entry side track, was the worst I ever witnessed.

Kerosene oil was used promiscuously. No safety lamp was found to be kept on hand. Powder was most carelessly handled by miners. This mine was reported last year as Crystal Mine, No. 678 of the printed report.

R. R. CAMPBELL, Supt.

J. W. HANCOCK and C. H. THOMPSON, Mine Bosses.

THOMAS COAL COMPANY.

No. 737. *Thomas Mine*.—This mine is located on Crane creek; is a drift opening, operating in the No. 3 Pocahontas vein.

The ventilation is produced by a fan and creates a large volume of air, but the stoppings are sadly neglected, and air current is not carried forward.

Steam locomotive haulage is used which travels on the intaking air way, making the ventilation very bad.

The management agreed to take steps to place steam locomotive haulage on the return air way, but was very slow to carry out the same. Drainage was good. Kerosene oil was used promiscuously. Boys less than 12 years of age were employed inside the mine.

Full kegs of powder were found in the mine. No rules were posted.

No safety lamp was kept on hand. The management has since decided to substitute electric haulage for the steam locomotive haulage. This mine was reported last year as Thomas Mine, No. 679 of the printed report.

W. J. PRITCHARD, Supt.

E. H. SIMPKINS and JAMES MCGINNIS, Mine Bosses.

WEYANOKE COAL AND COKE COMPANY.

No. 738. *Weyanoke Mine*.—This mine is located on Wide Mouth creek at Giatto; is a drift mine, operating in the No. 3 seam.

The ventilation is produced by a fan, and was very deficient at time of first inspection. The ventilation was afterwards improved and made good. Drainage was bad in places.

Electric haulage and mining has been adopted. Kerosene oil was used.

Only one opening obtained at time of first inspection. The law was promptly complied with in this respect.

Rules are posted. Safety lamp and stretchers are kept on hand. This mine was reported last year as Weyanoke Mine, No. 680 of the printed report.

ROBT. D. PATTERSON, Supt.

J. S. WOODYARD, Mine Boss.

SPRING COAL MINING CO.

No. 739. *Spring Mine*.—This mine is located on Widemouth creek, about two miles from Giatto; is a drift opening, operating in the No. 3 seam. The ventilation is produced by a fan. The stoppings are neglected, and ventilation is not carried sufficiently forward.

Steam locomotive haulage is used inside the mine. Kerosene oil was used promiscuously.

Rules were posted but not enforced. No safety lamp on hand. This mine was reported last year as Spring Mine, No. 681 of the printed report.

BENJ. MONTGOMERY, Supt.

J. H. BRAGG, Mine Boss.

PIEDMONT COLLIERY.

No. 740. *Piedmont No. 1 Mine*.—Is located at head of Big Branch on Widemouth, is a drift mine, operating in the No. 3 seam.

The ventilation is produced by a fan; and was very bad, on account of stoppings and break-throughs being sadly neglected. Drainage was bad,

Steam locomotive haulage was used. Rules posted, but no safety lamp on hand. This mine was reported last year as Piedmont mine, No. 682 of the printed report.

D. H. MORTON, Supt.

JAIRUS COLLINS, Gen. Mgr.

G. C. BURCHETT and H. M. MORRIS, Mine Bosses.

WENONAH COAL AND COKE COMPANY.

No. 741. *Wenonah No. 1 Mine*.—Is located on Widemouth creek; is a drift mine, operating in the No. 3 seam. The ventilation is produced by a fan and is very good.

Drainage is good. Machinery and equipment is good. Kerosene oil is used. Rules are posted. Safety lamp and stretchers are kept at office. This mine was reported last year as No. 1 Mine, No. 683 of the printed report.

THOS. VANDEGRIFT and E. L. HARRIS, Supts.

JOHN THOMPSON and ED. LUCAS, Mine Bosses.

No. 742. *Wenonah No. 2 Mine*.—Is located near No. 1 Wenonah; is a drift opening, operating in No. 3 seam; ventilation is by furnace, and is sufficient for all purposes. Drainage is good.

Rules are posted. Safety lamp and stretcher on hand at office. This mine was not reported last year.

THOS. VANDEGRIFT and E. L. HARRIS, Supts.

W. H. RAY and ED. LUCAS, Mine Bosses.

HIAWATHA COAL AND COKE COMPANY..

No. 743. *Hiawatha Mine*.—This mine is located on Widemouth creek one mile from Giatto. Is a drift opening, operating in No. 3 seam. The ventilation is produced by a fan, and is not carried forward to the workings.

Stoppings and trap doors are in bad shape. Drainage was good. Steam locomotive haulage is used. Full kegs of powder were found in the mine and close to the working face.

Rules were posted. No safety lamp on hand. This mine was reported last year as Hiawatha Mine, No. 684 of the printed report.

W. J. ELLIOTT, Supt.

C. H. REID, Mine Boss.

THE SMOKELESS COAL AND COKE COMPANY.

No. 744. *Smokeless Mine*.—This mine is located on Big Branch of Widemouth; is a drift mine, operating in No. 3 seam

The ventilation is produced by a fan, and was fair, but fan was neglected some times in starting operation in the morning making ventilation bad at starting time. Dynamite was used exclusively for shooting coal.

Drainage was bad at second opening. Kerosene oil was used. Boys under 12 years of age were employed.

No safety lamps on hand; and no rules posted. This mine was reported as Smokeless Mine, No. 685 of the printed report.

O. N. MOOMAN, Supt.

JOHN H. SHREWSBURY, Mine Boss.

PAWAMA COAL AND COKE COMPANY.

No. 745. *Pawama Mine*.—This mine is located on Widemouth creek at Matoaka; is a drift opening, operating in the No. 3 seam.

The ventilation was produced at the time of first inspection by a furnace which was entirely insufficient.

No measurements of the air current could be obtained anywhere in the mine, except at intake and outlet. No movement of the air current could be detected by the naked light.

The atmosphere was very smoky, and decidedly injurious to health. Many employes complained of the condition of the atmosphere. Full kegs of powder were found in the mine. Kerosene oil was used.

No rules were posted. No safety lamp, or blankets, (except a rubber blanket) was on hand. Very little attention was given to mining laws.

The mine was considered decidedly injurious to health and dangerous to life.

The company was given the necessary notice that an injunction would be applied for before the circuit court of Mercer county at Princeton on Wednesday, November 14th, 1906.

Attorney E. C. Marshall of Welch, McDowell county, was employed as counsel for this department. A damage case, against the Deepwater railroad was occupying the attention of the court, when our petition was presented. Judge Ritz presiding. The court postponed the hearing of our petition for 10 days, giving as reasons that the court would be busy for several days with said railroad case and that a member of the counsel for the company would be absent, on a business trip. Notwithstanding that the mining law provided a hearing at once.

We appeared again, before the court, with counsel, when the time of postponement had expired. The counsel for the company was permitted to

present their answer by ex-parte affidavits, and requested our complaint to be presented in like manner.

The court finally agreed to allow our case to be presented from the witness stand and that the company's witnesses should be cross-examined by counsel of this department. The witnesses for the company included the Gen. Manager, Mr. Parrott, the Mine Superintendent, Mine Boss, several mining engineers, a miner, employed in the mine and a Mr. Strother, inspector for the Pocahontas Coal and Coke Company. The substance of the testimony of said witnesses was to the effect that said mine was in first-class condition in every respect, and ventilation much better than law requirements. At time of inspection, the mine superintendent had acknowledged the lack of ventilation, and admitted his inability to keep men employed and expressed his gratitude to have the mining department's assistance to induce his company to install a fan. The mine boss fully admitted the lack of ventilation at the time of my inspection.

The Inspector for the Pocahontas Coal and Coke Company testified in court, that he was obeying instructions, received from the chief engineer of said company, (Mr. Rawn).

It was learned afterwards, that the miner who furnished an affidavit testifying to the good condition of said mine, had applied for employment at a near by mine giving his reasons of lack of ventilation at said Pawama mine. The court dismissed our petition, without granting any relief. The company at once constructed a fan. This mine was reported last year as Pawama Mine, No. 686 of the printed report.

J. C. STRAS, Supt.

J. W. YOUNG, Mine Boss.

CEPHUS COAL COMPANY.

No. 746. *Cephus Mine*.—This mine is located on Crane creek; is a drift opening, operating in the No. 3 Pocahontas seam.

The ventilation is produced by a furnace and is not sufficient. Drainage is fair. No safety lamp, or stretchers was found on hand. No rules posted.

No attention had been given to mining laws. This mine was reported last year as Cephus Mine, No. 687 of the printed report.

W. M. SHANDS, Gen. Mgr.

J. A. HARVEY, Mine Boss.

P. J. VIGLIANI, Supt.

APPENDIX.

APPENDIX.

KEYSTONE COAL & COKE COMPANY,

Explosion, July 2, 1906.

The Keystone mine is located at Keystone, McDowell County, on the line of the Norfolk & Western Railway; and operates in the Pocahontas No. 3 coal bed.

On the morning of July 2nd the assistant mine foreman was conducting two men through the mine with the purpose of permitting them to make a selection of a place to work.

In conducting the men through the mine he took them into the First Cross entry which had not been in operation for a number of weeks. The entry had a number of heavy falls of the roof and to have resumed mining coal in this entry would have necessitated a week's time in which to remove the fallen material. The entry was known to liberate explosive gas in small quantities, and to use an open lamp within the entry before making an examination with a safety lamp was well known to be ill advised.

In advancing up this entry the open lamp carried by the assistant mine foreman ignited the gas and an explosion followed which killed him and his two companions. The explosive flame confined itself to the entry but the force of the expansion caused many stoppings to be blown down along the main entries, and the force was sufficient to tear off the wooden covering of an electric motor on the main entry and reduce it to many small fragments, one of which flying fragments struck the motor runner and penetrated his skull, causing his death four days later, thus making a total of four killed by the explosion.

Respectfully,

JAMES W. PAUL,

Chief of Department of Mines.

Charleston, W. Va.

DIXON-POCAHONTAS FUEL COMPANY,

Gas Explosion July 19, 1906.

The Dixon-Pocahontas Fuel Company while engaged in sinking a shaft about 3 miles east of Welch, in McDowell County, encountered gas before the coal bed was reached.

On July 19, 1906, while the workmen were descending in the bucket the open lamp ignited the gas, the flame of which came to the top of the shaft.

The hoisting engineer, seeing the flame, immediately raised the bucket to the surface and found one man in it, four others having fallen to the bottom of the shaft and being instantly killed.

To prevent a repetition of such a disaster the shaft was equipped with a small ventilating fan.

For a list of persons injured and killed, see pages 217 and 229 of this report.

Respectfully,

JAMES W. PAUL,

Chief of Department of Mines.

Charleston, W. Va.

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*PULASKI IRON COMPANY,
Powder Explosion, December 14, 1906.*

At the Pulaski mine at Eckman, McDowell County, a car load of about 400 kegs of powder had been unloaded into four mine cars and was being hauled to the magazine by an electric motor attached to the cars.

The men who had been engaged in unloading the powder were riding on the mine cars, some on the kegs of powder.

Just as the trip of cars was passing a tenement house the powder exploded, due to the electric current forming an arc with some of the powder cans.

One woman was by a window within the house and another woman was in the yard near the house at the time of the explosion. The house was demolished and the women and the men on the trip of cars so badly burned that the two women and four of the men died, one man dying while en route to the Miners' Hospital at Welch and the others dying at the Hospital. For a list of the persons killed and injured, see pages 217, 218 and 230 of this report.

Respectfully,

JAMES W. PAUL,

Chief of Department of Mines.

Charleston, W. Va.

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*PENCO MINE EXPLOSION.
January 26, 1907.*

See Plate I.

The Penco Mine is operated by the Pennsylvania Consolidated Coal Company and is situated at Lorentz, Upshur County, W. Va., on the line of the Baltimore & Ohio Railroad. A map of this mine is herewith exhibited on plate I.

This mine consists of two drift openings driven in the coal, which is known as the Red Stone coal bed. One opening affords a haulage way for the mine cars and the second opening answers the purpose of a traveling way and an air course, the fan at the opening being elevated and permitting persons to pass under it and through a door to the outside.

This mine exploded on January 26th, 1907, at 6:30 P. M., causing the death of twelve persons, all that were within the mine at the time.

Only two of the persons killed were burned, the others having died

from the effects of the afterdamp. Those who were burned were found on the No. 2 Main entry and it appears that they may have been on the No. 1 main entry at the moment of the explosion, and in their confusion walked into the No. 2 main.

The seat of the explosion appeared from the conditions within the mine to have been on the main No. 1 entry about 100 feet from the face of the entry and may have been the result of the explosion of a powder flask and a 25 lb. keg of powder at this point.

At this point "A" the remains of a powder flask and powder keg were found and off some distance was found a tube containing some squibs which are used by the miners in igniting the powder within their shot holes.

About 250 feet from the face of the Main No. 1 entry we found the bodies of seven persons, all of whom, excepting one, had abrasions on the hands and faces, which were nothing less than scars inflicted by the persons running in darkness and colliding with the coal on the ribs of the entry.

The body found on the 3rd left had no marks of burns or violence and appeared to have died at his working place.

In the vicinity of the point "A" the ribs and roof of the entry were covered with a thick deposit of charred dust which diminished towards the First Right entry, none having been observed at the face of the No. 1 Main entry.

Six of the seven men found on the No. 1 main entry worked at the faces of the Main heading, air course and the Third Left. The seventh was a young man who was engaged as a car pusher, and it appeared from the surrounding circumstances that this car pusher may have been experimenting with the powder flask on the entry and accidentally discharged the keg of powder.

There was a sufficient quantity of fine coal dust on the Main No. 1 entry to propagate the flame of the powder as far out as the mouth of the No. 2 Main entry.

From the No. 2 Main entry to the mouth of the mine there was no evidence of heat or flame.

Had the explosion been due to the presence of fire damp (Methane gas) the air current moving into the First Right would have been sufficiently charged to have permitted the explosion to go up this entry and inflict burns on the two bodies found on this entry, but they were not burned.

A careful examination of this mine on the day following the explosion failed to disclose the presence of any explosive gas, although at times prior to the explosion it is stated that gas was given off in inappreciable quantities.

This accident emphasizes the extreme danger of permitting black powder to be exploded within a mine where its flame may have sufficient intensity and length to inflame the dust.

The Coroner's jury which viewed the remains of the victims of this explosion, after taking the testimony of various persons and the District Mine Inspector rendered the following verdict:

State of West Virginia,

County of Upshur, to-wit:

An inquisition taken at Lorentz, in the County of Upshur, on the 27th day of January, 1907, before James Dailey, a Justice of the Peace, of said county, upon the view of the bodies of Glen Miles, Charles Bauserman, Bruce Johnson, Asberry Bailey, H. H. Fox, Antonio Rich, Joe Alluni, Joe Capriette, Dominik Pochich, Louis Mosper, Nedz Lester and Nedz Capriette, there lying dead, the jurors sworn to inquire when, how and by what means each of the said parties, Glen Miles, Charles Bauserman, Bruce Johnson, Asberry Bailey, H. H. Fox, Antonio Rich, Joe Alluni, Joe Capriette, Dominik Pochich, Louis Mosper, Nedz Lester and Nedz Capriette came to their death; upon their oath do say, that the said (naming them) came to their death at Lorentz, Upshur County, West Virginia, on the 26th day of January, 1907, by the careless handling of powder on their own part and in violation of the rules of the Pennsylvania Consolidated Coal Company.

JAMES DAILEY, *Justice.*

W. P. FOWKES,

CHAS. WEST,

M. L. WEST,

G. W. SWISHER,

ARTHUR REESE,

A. BARGERHOFF.

The two succeeding grand juries of Upshur County found misdemeanor indictments against Floyd Gandy, the Superintendent of the mine, but the court each time nollied the indictment.

Respectfully,

JAMES W. PAUL,

Chief of Department of Mines.

Charleston, W. Va.

THE STUART MINE EXPLOSION.

January 29th, 1907.

See Plate II.

The Stuart mine is located at the terminus of the White Oak Railway in Fayette County about three miles south of Fayetteville, the County Seat, and is operated by the Stuart Colliery Company.

The opening to the mine consists of a four compartment shaft 585 feet deep; one compartment being used for piping and wires; two for hoisting ways and air ways and one for an air way leading direct to the fan.

For the purpose of securing a second opening to the mine to meet the requirements of the State law, the original intention was to connect the underground workings of the Parral mine, distant about 6000 feet between the shafts. Work to that end was in progress in both mines at the time of the explosion and was being pushed with much vigor, but the connection was needing between 800 and 1000 feet of entry.

The coal within the mine is known as the Sewell bed or New River

coal of the New River-Pocahontas coal series and has a thickness averaging 4 feet 4 inches.

A few months prior to the date of the explosion there had been installed for the purpose of ventilating the mine a modern 18 ft. Capell fan which was capable of properly ventilating a mine many times the size of the mine at the time of the explosion.

The development of the mine, as may be observed by consulting the map, had been confined principally to the driving of entries, but at the time of the explosion work had been suspended in some of the entries and some rooms were being driven, while there was ample room for the driving of many additional rooms.

The condition of this mine previous to the explosion, as reported by the District Inspector for the State, may best be known by quoting from the reports made by the inspectors.

In his annual report for 1906 the inspector says, "There is a slight generation of gas in the advanced operations of this mine but is carefully bratticed and cared for under the usual practical conditions. The roof in this mine is of a very free and weak character making it extremely difficult to keep the air courses clear. Extra precautions are being put into effect to maintain the airways which under the conditions are necessary. This mine is damp throughout. The powder and oil laws are well enforced. The temporary equipment such as head house, tipples, cages, etc., are all being replaced by substantial and permanent equipment. This mine with its present equipment, development, and with a full force *can* produce 500 tons per day.

There is no second opening to this mine."

It will be observed from the above that the mine gave off gas in the advance headings but which was properly taken care of by the ventilation.

As to the daily capacity of the mine being 500 tons, this is problematical, being based upon the extent of the development and the opportunity to obtain available working places and a full coterie of men, other conditions being favorable for the maximum possibilities as a producing mine.

The Inspector in two subsequent reports, the later one being under date of December 21st, 1906, reported the mine in a safe condition. The certificate of inspection for the last gave:

"Ventilation, good.

Drainage, O. K.

Timbering, O. K.

Machinery, O. K.

Gases, a slight generation in Parral heading.

Oil used, O. K.

General safety, O. K. except as to guards at shaft landing."

"Recommendations: Guards to be placed at landing; Parral entry to be sprinkled; an extra door placed on 2nd left to be used in case of emergency."

"Remarks: Very substantial improvements have been made at this mine, such as new head house, cages, etc., and cleaning out air courses.

The connection to Parral is pushed night and day."

The Inspector in his report upon the Parral mine under date of December 22nd states "that a part of their men work by night, also the same applies to Stuart." A total of 30 men were reported as being employed on the two shifts in the Stuart mine, and in his sworn statement related that on his inspection of the mine he found only 18 persons within the mine.

On the day of the explosion, from testimony given, it is apparent that there were about 100 persons employed within the mine, but just prior to the explosion two cage loads of men were taken out of the mine, leaving about 85 or more persons within the mine at the instant of the explosion, all of whom were killed.

The mere fact that at the time of the explosion there were 85, or more, men within the mine does not account for the occurrence of the disaster, but such a number being within the mine was in violation of law. For a similar violation the officers of the operating company were at the time under indictment in the criminal court of Fayette county.

Had the Inspector been aware of this violation of the law, under the ruling of the Attorney General, he could have appeared before a Grand Jury and asked for an indictment, in the event of the mine being in a safe condition, and in the event of finding it in an unsafe condition he could have asked for an injunction to restrain its operation until the dangers were abated.

It developed in the investigation made after the explosion that on December 20th and 21st a sufficient number of employes were forbidden to enter the mine so as to reduce the number to 20 persons, for the reason that the Inspector, having visited nearby mines a day or two previously, was expected to visit and inspect the Stuart mine.

No denial has been made by the officials of the operating company that there was a greater number of persons being employed within the mine than is permitted by law, in the absence of a separate second outlet from the workings of the mine.

On February 8, 1906, within less than a year an explosion occurred within the adjoining Parral mine resulting in the loss of 23 lives. In this explosion 12 persons were rescued.

This Parral explosion appears to have resulted from the sudden liberation of marsh gas occasioned by a fall of the roof in an entry, which gas was ignited by open lights onto which the gas was conducted by the ventilating current.

As to the probable cause of the Stuart explosion, it may not be amiss to relate some of the conditions existing just prior to the explosion.

Two or three hours prior to the explosion, while in the act of hoisting a loaded car up the shaft, the car moved from its position on the cage and caused a wreck in the shaft, tearing out several timbers and breaking the guides.

The work necessary for the repair of the shaft timbers required about two or three hours, during which time no coal was raised and the miners succeeded in filling most of the available cars within the mine. The major part of the mining was let to contractors who had employed assist-

ants, known as back hands or loaders, who were paid daily wages, while the contractors were paid by the car.

The enforced idleness of the loaders occasioned by the wreck in the shaft becoming a burden of expense upon the contractors, the loaders were dismissed for the day.

These loaders had evidently quit work and repaired to the bottom of the shaft with the purpose of ascending the shaft, and were followed by the contractors, drivers and trapper boys. The greater majority of the bodies were found near the bottom of the shaft.

Few, if any, of the loaders were found at or near their regular working places.

In only one instance did the circumstances indicate that three men engaged in operating a mining machine were at the face of a working place at the time of the explosion, and they had traveled several hundred feet before being killed by the after gases.

In one instance the body of a man, Dick Lee, was found, badly burned, within the entrance to his room, which was only twenty-four feet long.

All the after effects observed would lead to the belief that Dick Lee upon entering his room with an open lamp had ignited a body of gas which resulted in the explosion.

Some speculation has been had upon the probability of Dick Lee's having fired a shot at the face of his room which may have blown out and caused the explosion, but there was not the slightest evidence that such shot had been fired.

In the Dick Lee room, No. 4, there had been drilled three holes in the face of the coal, in each of which was found considerable quantity of the auger drillings. Immediately under the outer end of each hole, and on a plumb line, were found conical piles of the drillings. Had any part of the face of the coal been blown away by a blownout shot, the conical piles of drillings would have indicated the portion of the hole that may have been destroyed by the shot.

Had Dick Lee, who had 24 years' experience within coal mines, been in the act of firing a shot in this room his judgment would have told him that it would be next to suicidal to remain within the room and within range of the shot while it was being discharged.

The explosion evidently was caused by the ignition of gas and its propagation throughout the various parts of the mine was to some extent aided by the presence of coal dust. The mine in a number of places was damp and wet and in a number of places was quite wet, but the force, and in most cases the heat of the explosive wave, passed over these wet zones.

The evidence of greatest force was manifested at the bottom of the shaft where many of the bodies of men were mutilated, dismembered and burned, and it is within reason to conclude that some of the men congregated here had in their possession some explosives which were the cause of the frightful dismemberment of some of the bodies.

The general plan of the workings of this mine is shown on Plate II.

As to the physical condition of the mine after the explosion, the timbers and guides in the shaft were badly disarranged as well as the air brattice leading down the shaft.

From the 29th of January at 1:25 P. M. until 8:30 P. M. on February 1st the time was consumed in getting the cage to within 18 feet of the bottom of the shaft.

Prior to this time, by means of a bucket, nine bodies had been removed from the bottom of the shaft.

By 10 A. M. on February 2nd the temporary brattice had been completed to the bottom of the shaft, and during the day sufficient bodies were recovered to make the total reach 56.

Upon leaving the bottom of the shaft and going to the West on the Parral entry the roadway for 400 or 500 feet is wet and muddy. The posts standing along this distance have a deposit of thick mud blown against the sides opposite the shaft, and a trip of cars near the shaft has mud, sticks and fine coal accumulated on the end opposite the shaft.

At the face of the Parral entry the workings were in a roll or fault. In this fault was a hole $1\frac{1}{2}$ in. by 3 ft. which had not been charged. A showing of gas was had at the face.

On the left rib some charred dust was present on the slate. Some canvas brattice remained hanging near the face of the entry. Props had charred dust on side facing shaft.

On the air course to the Parral entry the canvas was blown down and the props had on them some charred dust. Gas was found 15 feet from the face.

On the Parral entry at the last breakthrough were found three dinner pails and a coil of fuse which had been burned.

On the parting on Parral entry between second and third left were standing six loaded cars, the inby end of car being stoved by a force coming from the face of the entry. Under the second car from the face a mule had its head imprisoned. The harness from this mule was distant from it 10 feet toward the face of the entry.

A second mule was found about 100 feet outby the first with its harness off and 10 or 20 feet outby the mule.

The force appears to have traveled up toward the face of the Parral air course and returned out the Parral entry.

On the third left off Parral entry there was much evidence of a force having come out of the entry.

The coal in room No. 2 had been undercut across the face but had not been shot down. The cuttings were heavily charred as well as a post at the face.

In room No. 3 the coal had been undercut but not shot down. The cuttings were covered with charred dust.

In room No. 4 there were four standing props and one prop which had been knocked from its position. Near the face were two additional props lying on the pavement. This room was 24 feet deep and is known as the Dick Lee room. The ribs and face of the room were covered with charred dust, and the standing posts had charred dust on the inby sides.

A steel mine car was sitting diagonally across the track at the mouth of the room and on the side facing the breast of the room was a heavy deposit of charred dust.

Alongside of this car was found the body of Dick Lee badly burned. On

three different examinations gas was found in this No. 4 room, prior to the establishing of the ventilating system of the mine.

At the breakthrough just outby No. 4 room a steel mine car was standing parallel with the entry having the outby end bulged toward the Parral entry.

It is quite probable that Dick Lee upon returning to his room, after an absence for sometime, ignited the gas upon entering his room, causing the explosion.

On the second left off Parral entry, in rooms 6 and 8 there was found charred dust on the ribs, props and pavement.

Passing over to the east side of the mine, the second right was examined. About 100 feet beyond room No. 12 heavy falls of roof were encountered and gas was indicated in the safety lamp.

A great quantity of slate had fallen along this entry. Little evidence of heat or char was found in this entry beyond room 4, except at the face of the entry where the props and ribs had charred dust on inby exposures.

In room No. 11 some charred dust was observed on props and ties on inby exposures.

In room No. 10 gas was found 60 feet back from the face.

In room No. 6 some canvas was found in place, and unburned matches were found along the track; but no evidence of heat.

First Right on East Side,—This entry had not been working and had many falls of the roof.

Could not advance beyond room No. 4 on account of the presence of gas.

Third Right on East Side,—No evidence of gas or heat in this entry. There were many falls of roof encountered.

The Main East,—Such props as were blown down had been carried by a force to the east, or away from the shaft. On the Main East, near the 3rd Right, some standing props had charred dust on exposures toward the shaft. Into one of these standing props had been driven the blade of a miners' shovel, the force having been exerted towards the East.

On the Main East, about 75 feet beyond the 3rd Right, a door was hung and the explosive force broke a piece out of the top of the door which measured 3 feet by 2 feet. The jamb of the door was moved eastward by three inches, and the recoil forced the remaining part of the door through its frame in a direction opposite to the direction in which the door was intended to open, and the door was held so tightly that it could not be opened by the ordinary means.

Third Left on East Side,—The door at the entrance to the entry had not been disturbed. On the main entry, outside of the door, was found one man and just inside of the door were found two men, all of whom had been engaged in operating a mining machine in room No. 7 on this third left entry. Their dinner pails and coats were found in No. 7 room. They had evidently been at work in the No. 7 room at the time of the explosion and had endeavored to reach the shaft. These are the only persons who appeared to have traveled any distance after the explosion.

There was no evidence of heat in this entry. A trip of 7 loaded cars just inside of the door was standing on the track. The front car had on

its outby bumpers some sticks of wood, coal and slate which had been blown there by the force of the explosion.

Parts of this entry were wet, and at the face there were 8 to 13 inches of water back for a distance of 100 feet.

In room No. 7 was a mining machine which had just entered the coal. In the left corner of the room was a pool of water.

There was no gas or sign of heat found in this room.

The stoppings on the third left were blown onto the third left by a force coming from the second left.

Second Left on East Side,—The door at the entrance was not blown down. Inside of the door about 60 feet was a parting on which were 7 loaded cars.

On props by the cars was some charred dust on inby exposures.

The entry for 100 back from the face had accumulations of water.

In a room turned 100 feet back from the face of the entry some slack coal had deposit of charred dust.

Near the mouth of the room was found a flask of powder unexploded.

No gas was found on this entry or in any of its rooms.

In room No. 2 and 50 feet from the entry the outby exposures of posts had on them charred dust.

First Left on East Side.—There was no disturbance in this entry, but some falls of the roof.

No gas was found on this entry. Sections of this entry and some of the rooms were wet.

In room No. 8 were found two flasks full of powder and one dinner pail. Live gnats were found within this room, also inside of the dinner pail.

Dip Entry off No. 1 Left on East Side.—This entry had a body of water collected and gave indications of gas.

For sometime after the explosion the mine gave evidence of much gas in the absence of ventilation, but after the ventilating system had been fully restored and the mine placed upon working conditions the gas failed to indicate its presence by the use of a safety lamp.

The Parral entry, being in a fault at the time, it may be that an extraordinary volume of gas may have been liberated, or that under some influence the strata may have taken a "breathing spell" and liberated a large volume of gas.

This mine is being carefully watched by the Mining Department and if gas is found safety lamps will be brought into requisition for lighting purposes.

Safety explosives will be used exclusively within this mine as a further preventive.

Up to the date of this explosion, no mine disaster within the State has claimed so many victims.

(Note:—The second right entries on the west side were not examined for the reason of water having collected and making it impossible to enter.

After the water was pumped out the body of a man was found in this entry.)

The character of coal produced by this mine is known as semi-bitumin-

ous, coking and smokeless coal, and the chemical analysis of this coal is approximately:

Moisture .....	.69
Volatile Matter	23.95
Fixed Carbon	72.04
Ash	3.32
	<hr/>
	100.00
Sulphur .....	.74
Phosphorus .....	.008

At Parral, on March 2nd, 1907, Mr. J. P. Staton, J. P., convened a Coronor's Jury and took the evidence of many persons touching upon the probable cause of the accident, and the Jury rendered the following verdict:

"We, the Jury, find that Frank Loving and others, a list of which is here attached, came to their death by a gas and dust explosion in Stuart Mine on 29th day of January, 1907.

This, the 2nd day of March, 1907.

(Signed.) R. H. DICKINSON,
THOS. WHARTON,
S. D. TAYLOR,
J. L. JOHNSON,
O. B. LIVELY,
A. C. POOLE.

A list of the persons killed in this accident will be found on pages 213, 214 and 215 of this report.

All the foregoing is respectfully submitted.

JAMES W. PAUL,
Chief of Department of Mines.

Charleston, W. Va.

—O—
THOMAS MINE EXPLOSION.
February 4th, 1907.

See Plate III.

The Thomas No. 25 mine is located at Thomas, Tucker County, on the West Virginia Division of the Western Maryland Railroad and is operated by the Davis Coal & Coke Company. The mine has a drift opening at tipple height, and the coal operated is the Upper Freeport which has the following section:

Black draw slate roof			
Coal	18 inches		
Boney coal	5 "	}	19 " rejected.
Coal.....	5 "		
Boney coal	3 "	}	
Coal.....	5 "		
Black slate	1 "	}	

Coal	7	"
Slate	1	"
Coal, clean,	38	"

83 inches.

This coal has the following proximate analysis:

Moisture49
Volatile Matter	22.71
Fixed Carbon	70.62
Ash	6.18

100.00

Sulphur52
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Phosphorus01
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On Monday morning, February 4th, 1907, at about 6:30 o'clock, an explosion occurred within this mine which killed 24 persons. The Superintendent of the mine lost his life after the explosion by advancing too far into the after damp, making a total of 25 lives lost.

Upon investigation it appears that about 18 to 20 hours previous to the explosion the fan was stopped by reason of an accident to the electric equipment,—the fan being driven by an electric motor.

It further developed that on the morning of the explosion the fire boss did not make an examination of the workings of the mine, although he was at the mine at the time the workmen entered the mine.

The mine was liberating gas, especially in the Smith heading and the 3rd Left off the Smith heading.

Only three workmen had reached their working places when the explosion occurred.

During the idleness of the fan the gas had collected on the Smith and the 3rd Left off Smith heading and as the two workmen entered the 3rd Left their open lamps ignited the gas which resulted in an explosion.

In the third room on the 3rd Left off Smith's entry there was found an air punching machine on a truck. On this truck and inside of the socket of the machine plunger was found granules of charred dust.

At the mouth of the 4th Left off Smith's entry there was some charred dust on the ribs of the coal.

Evidence of charred dust throughout the mine was negligible, although the dust may have been a factor in the propagation of the explosive wave.

On the North heading just opposite the 4th Left two bodies were found, badly burned, and at this point parts of two powder flasks were found which bore evidence of having been exploded.

The Superintendent, Jones, against the advice of his comrades, proceeded along the 4th Left off the Main entry and was overcome by the after gases at a point within fifty feet of daylight.

This is the first explosion in which over three lives have been lost that has occurred within a mine in the State operating in the Upper Freeport Coal, and it appears to have been caused by the ignition of a body of standing gas.

From the past experience in mining in this County it would appear that the coal dust does not easily lend its aid in the propagation of an explosion in the absence of an appreciable quantity of explosive gas.

The writer personally examined this mine after the explosion occurred and observed many conditions which had not been disturbed after the explosion.

Two District Inspectors went to the scene of the explosion and remained until after the hearing before the Coroner's Jury.

In his report upon the explosion, Mr. J. F. Bratt, Inspector of the district in which the mine is located, said, "In regard to the disaster at Thomas, I am satisfied it was a gas explosion. The accumulation of gas was caused by the fan not being in operation for at least 18 or 20 hours,—from some time on Sunday until after the explosion on Monday morning. I am satisfied that the mine was not properly examined by the fire boss on Monday morning before the men started into the mine to work. None of the dead bodies were found in their working places. I think the initial point of the explosion was in the Third Left heading off the Smith heading, and came out to the Johnson heading and thence down the Johnson heading to the North heading and in the Third Butt heading off the North.

It also extended from the Johnson heading up the Smith heading and up the air course of the 2nd Left heading and down the 2nd Left heading.

The force of the explosion was greater in the 2nd Left than anywhere else,—the bodies found on these headings were badly burned. It is my opinion those men going to their work in the 3rd Left heading off the Smith ignited the gas by simply walking into it with their naked lights."

In his report upon this explosion, Mr. F. E. Parsons, Mine Inspector, said: "From the conditions found on the inside of the mine and from the positions and conditions of the bodies which I assisted in recovering, and taking from the mine, and from all other indications, would judge it to be a typical explosion of gas, which was found to be generating near the face of the Third Butt air course off the Smith heading. The accumulation of the same was caused by the ventilating machinery not being in motion for a period of time which we could not definitely establish by the testimony available, but which, in my judgment, was not less than thirty hours. Ignition of same was caused by an open light carried by one of the miners."

A coroner's Jury was impaneled to take testimony upon matters relative to any neglect that may have been responsible for the explosion, and after hearing the evidence the following verdict was rendered:

State of West Virginia,

Tucker County, to-wit:

An inquisition, taken at Thomas, in the county of Tucker, on the 8th to 12th days of February, 1907, W. A. Jones, Justice of the Peace, acting as Coroner, upon the view of the bodies of: Tom Polowicz, Frank Pelowicz, Felix Julian, Charles Panepinte, Oscar Allen, Vincent (or Jim) Ecttice D. R. Jones, John Sabosky, Constantine Karlis, Paul Merock (or

Halotine), Joe Beziac, (or Bisyank), Frank Shavich (or Sholatis), Frank Beziac (or Bizerk), Adam Bermuda, Joseph Arcari, Tony Scarponi, John Scarponi, Sullivan Liberti, Patsy Douglas (or Danjelas), Ralph Dandrea, Frank Ferrin, Harry Lastrappo, Ernest Benumento, John Serpone and Jack Stucine, there lying dead.

The jurors sworn to inquire when, how, and by what means said Ton: Polowicz, Frank Polowicz, Felix Julian, Charles Panepinto, Oscar Allen, Vincent (or Jim) Bottice, D. R. Jones, John Sabosky, Constantine Karlis, Paul Herock (or Halotine), Joe Beziac (or Bisyank), Frank Shavich (or Sholatis), Frank Beziac (or Bizerk), Adam Bermuda, Joseph Arcari, Tony Scarponi, John Scarponi, Sullivan Liberti, Patsy Douglas (or Danjelas), Ralph Dandrea, Frank Ferrin, Harry Lastrappo, Ernest Benumento, John Serpone and Jack Stucine came to their death, upon their oath do say:

We, the jury, find from the evidence taken before us that on the 4th day of February, 1907, an explosion occurred in mine No. 25 of the Davis Coal & Coke Co. located at Thomas, Tucker County, W. Va., whereby the following named persons came to their death: Ton: Polowicz, Frank Polowicz, Felix Julian, Charles Panepinto, Oscar Allen, Vincent (or Jim) Bottice, D. R. Jones, John Sabosky, Constantine Karlis, Paul Herock (or Halotine), Joe Beziac (or Bisyank), Frank Shavich (or Sholatis), Frank Beziac (or Bizerk), Adam Bermuda, Joseph Arcari, Tony Scarponi, John Scarponi, Sullivan Liberti, Patsy Douglas (or Danjelas), Ralph Dandrea, Frank Ferrin, Harry Lastrappo, Ernest Benumento, John Serpone and Jack Stucine

And we, the jury, upon the evidence before us find the deceased came to their death by gas explosion, which gas accumulated through the ventilating machinery not being in motion, and the following parties are responsible for the same:

Arthur Stewart, as fire boss, to the extent as that on entering the mine on the morning of February 4th, 1907, he failed to see that the ventilating machinery was in motion, that he failed to make a thorough and complete examination of mine and discover the gas which we believe must have at that time have accumulated and reported the mine as unsafe before any miners are allowed to enter.

Mr. Rigglen, as mine boss, to the extent that he failed to properly instruct the men under him who had charge of the running of the ventilating machinery, and in seeing that men were on duty in their respective places.

The Davis Coal & Coke Co., to the extent that they allowed incompetent men to occupy the responsible position of running the ventilating machinery.

In testimony whereof the said Justice and Jurors hereto set their hands.

(Signed)

For the detailed list of persons killed within this mine see pages 211 and 212 of this report.

Two or three Grand Juries have considered the facts brought out by

the Coroner's inquisition and in each hearing the accused have been held under bond for an appearance before a subsequent Grand Jury.

Respectfully submitted,

JAMES W. PAUL,

Chief of Department of Mines.

Charleston, W. Va.

—o—

WHIPPLE MINE EXPLOSION.

May 1st, 1907.

See plate IV.

The Whipple mine is operated by the White Oak Fuel Company and is located 11½ miles from Scarbro on the line of the White Oak Railroad in Fayette County. The mine is reached by two shafts having a depth of 446 feet and the coal operated is the New River or Sewell, the same as is operated at Stuart and Parral shaft mines.

At 3:30 o'clock on the afternoon of May 1st, 1907, an explosion occurred in the Thurmond entry section of the mine which resulted in the death of fourteen persons immediately following the explosion and the death of two others, who died as the result of burns, after having been admitted to the McKendree Hospital.

The face of the Thurmond entry and the 2nd Right and 1st Left entries liberated explosive gas and the first rights off Thurmond entry were in coal that had abnormal conditions,—shale having appeared in the coal.

At the face of the First Right at "A", the measures had a section as follows:

coal	6 inches
shale	17 "
coal	32 "
<hr/>	
Total	55 "

Two men were engaged in advancing the entry at "A" and had been furnished a mining machine with which to undercut the coal.

These two men, after the explosion, were found at "B" and the machine was found near the face in "A", but there was no evidence of the machine having been used to undercut the coal.

Near the left rib at the face of the entry there was a cavity in the breast of the coal that appeared to have been shot out by the use of dynamite.

All the conditions indicated that three holes had been drilled in the lower ply of coal distances of 32, 42 and 66 inches deep respectively. Two of the holes were only 6 to 10 inches apart while the third hole was only 33 inches from the middle hole. These holes had been fired in the solid coal and it would appear that the last shot was responsible for the explosion. The two men at "B" were badly burned.

The flame of the explosion reached the bottom of the shaft and se-

verely burned the stable boss and a man at the pump station and burned several mules which were in the stable near the bottom of the shaft.

The stoppings along the Thurmond entry were blown down and the cage in the shaft was wrecked.

Other than those burned the remaining persons died from the effects of the after damp.

The five men found at "D" had been working at "C" and "F" and had they returned to the shaft on the intake current they would not have lost their lives.

The bodies found in the vicinity of the shaft died from the effects of the after damp.

Five of these men near the shaft were breathing when found and their pulse was beating but the efforts to revive them were not successful.

The force of the explosion extended to "E" on the Dip headings where a door was broken. Men continued to work in a part of the mine until 5:30 P. M. not knowing that an explosion had occurred.

The explosion did not continue along the Rock heading haulway beyond the place marked WET.

This explosion may be classed as one of gas and dust superinduced by excessive use of a high explosive.

For a list of the sixteen persons whose lives were sacrificed see page 215 of this report.

A Coroner's Jury was impaneled under the direction of Mr. J. P. Staton, J. P., which sat at Scarboro and after taking testimony rendered the following verdict:

We, the Jury, find that John Thompson and others, whose names are hereto attached, came to their death by an explosion of Whipple Mines on May 1, 1907, caused by an over charged shot fired from solid, causing dust explosion.

(Signed.) H. M. CRAIG,
J. A. HONAKER,
B. F. WALTERS,
N. H. SPRADLING,
W. H. DAVIS,
BURRELL PETTRY,

JURORS.

Respectfully submitted,

JAMES W. PAUL,
Chief of Department of Mines.

J. W. P.

COAL PRODUCTION BY GEOLOGICAL SERIES AND COUNTIES.

1907.

COUNTIES	Monongahela Series No. 15	Onemahugh Series (Elk River) No. 14	Allegheny- Kanawha Series No. 13	Pottsville-New River-Poca- hontas Series No. 12	Total (Tons of 2,240 lbs.).
Brooke	431,273		95,724		526,997
Hancock		70,066	8,214		78,280
Marion	3,619,764				3,619,764
Monongalia	144,540		148,056		292,596
Marshall	560,427				560,427
Ohio	136,350				136,350
Barbour	454,554	26,177	295,514		776,245
Gilmer	312				312
Harrison	3,343,319				3,343,319
Lewis	5,528				5,528
Taylor	259,045		157,093		416,138
Upshur	34,342	5,160			39,502
Grant			271,542		271,542
Mineral	262,470	65,068	279,634		607,172
Preston			1,079,692		1,079,692
Randolph			609,380		609,380
Tucker			1,005,219		1,005,219
Braxton	55,774				55,774
Clay			60,252		60,252
Fayette		162,900	1,760,102	5,354,295	7,277,297
Kanawha		480,141	4,145,960		4,626,101
Mason	93,211				93,211
Nicholas			57,412		57,412
Putnam	401,413				401,413
Greenbrier				31,978	31,978
Raleigh				1,104,676	1,104,676
Lincoln			17,589		17,589
Logan			740,607		740,607
Mingo			1,867,100		1,867,100
Wayne			25,217		25,217
McDowell				8,123,699	8,123,699
Mercer				2,009,522	2,009,522
Totals	9,802,322	809,512	12,624,307	16,624,170	39,860,311

PRODUCTION IN WEST VIRGINIA IN 1907 ACCORDING TO GEOLOGICAL SERIES AND COAL BEDS.

(Tons of 2,240 lbs.)

COUNTIES.	Monongahela Series No. 15.			Conemaugh Series (Elk River) No. 14			Allegheny-Kanawha Series No. 13.			
	Sewick- ley.	Red Stone	Pittsburg	Elk Lick.	Mason.	Mahon- ing, No. 5.	Upper Freeport, Lewiston	Lower Freeport, Coalburg.	Up'r Kit- tanning, Win- frede.	Middle Kit- tanning, Cedar Grove.
Brooke.....			431,273			70,006		95,724		
Hancock.....			3,610,228					8,214		
Marion.....	9,538		144,540				148,056			
Monongalia.....			560,427							
Marshall.....			136,350			26,177	295,514			
Ohio.....		191,705	262,849							
Barbour.....			3,343,319							
Gilmer.....			3,328							
Harrison.....			259,045			5,160	123,906	33,097		
Lewis.....							192,245			
Taylor.....		34,342					116,370	9,101		
Upshur.....							1,022,492			
Grant.....			262,470	65,068			609,380			
Mineral.....							422,160			
Preston.....								24,322	35,930	
Randolph.....										
Tucker.....								1,234,012	690,111	112,350
Braxton.....			55,774		88,133	162,400	194,312			
Clay.....						392,008				
Fayette.....										
Kanawha.....										
Mason.....			93,211					55,626		
Nicholas.....										
Putnam.....			401,413							
Greenbrier.....										
Raleigh.....							3,304			
Lincoln.....									14,285	
Logan.....									705,864	
Mingo.....								21,347	397,257	37,869
Wayne.....									25,217	
McDowell.....										
Mercer.....										
Totals.....	9,538	226,047	9,505,737	65,068	88,133	656,311	3,127,829	1,481,443	1,798,074	150,219

SHAFT MINES IN WEST VIRGINIA FOR THE YEAR ENDING JUNE 30, 1907.

COUNTY	Name of Operator	Name of Mine	Located at	Name of Coal Bed Mined	Depth of Main Shaft to Coal—Feet	Size of Main Shaft—Feet	Depth of Air Shaft to Coal—Feet	Size of Air Shaft—Feet
Jefferson, Ohio, & Brooke, W. Va.	La Belle Iron Works.....	La Belle.....	Steubenville, Ohio.....	Up. Freep't	198	10 by 18	190	10 by 10
Marion.....	Fairmont Coal Co.....	a Shaft.....	Barnesville.....	Pittsburg ..	126	10 by 18	125	10 by 18
".....	Georges Creek Coal & Iron Co.	Chatham No. 1.....	Farmington ..	Pittsburg ..	255	10 by 16	255	10 by 10
".....	Georges Creek Coal & Iron Co.	b Chatham No. 2.....	Farmington ..	Sewickley ..	130	10 by 10	130	10 by 10
".....	Federal Coal & Coke Co.....	Federal No. 1.....	Greys Flats....	Pittsburg ..	256	10 by 18	250	10 by 10
".....	New Central Coal Co.....	Stafford.....	Rivesville....	Pittsburg ..	250	10 by 18	250	10 by 10
Marshall.....	Glendale Coal Co.....	Glendale.....	Glendale.....	Pittsburg ..	90	10 by 16	Slope	4 by 8
".....	Glen Easton Coal & Coke Co. of America.....	Glen Easton.....	Moundsville..	Pittsburg ..	186	10 by 20	186	10 by 10
".....	Clearfield and Ohio River Coal Co.....	c (Unknown).....	Moundsville..	.....	.....	.....	.....	.....
Ohio.....	Elm Grove Coal Co.....	Mound City.....	Moundsville..	Pittsburg ..	153	10 by 16	150	10 by 10
Barbour.....	The Century Coal Co., of W. Va.....	Elm Grove.....	Elm Grove....	Pittsburg ..	65	8 by 16	65	5 by 5
".....	Midland Coal & Coke Co.....	Century No. 1.....	Century.....	Red Stone.....	150	10 by 20	150	10 by 12
Grant.....	Davis Coal & Coke Co.....	Henry No. 22.....	Henry.....	Up. Freep't	86	10 by 18	86	10 by 10
".....	Davis Coal & Coke Co.....	d Henry No. 33.....	Henry.....	Kittanning ..	198	36 by 13	198	23 by 12
Preston.....	Hamilton Coal & Coke Co.....	Newburg ..	Newburg ..	Up. Freep't	419	31 by 10½	419	23 by 12
".....	Hamilton Coal & Coke Co.....	d Kittanning ..	Newburg ..	Kittanning ..	160	10 by 20	170	10 by 10
Tucker.....	Davis Coal & Coke Co.....	No. 34 or Thomas.....	Thomas.....	Lo. Kittan.	360	10 by 20	370	10 by 10
Fayette.....	New River Collieries Co.....	Sun No. 2.....	Sun.....	Sewell.....	187	14 by 10	187	14 by 16
".....	White Oak Fuel Co.....	Wingrove.....	Wingrove.....	Sewell.....	Slope	12 by 28	173	12 by 24
".....	White Oak Fuel Co.....	Scarbro.....	Scarbro.....	Sewell.....	173	22 in diameter	150	6 by 8
".....	White Oak Fuel Co.....	Whipple.....	Whipple.....	Sewell.....	390	12 by 20	390	10 by 10
".....	White Oak Fuel Co.....	e Carlisle.....	Carlisle.....	Sewell.....	446	12 by 24	446	10 by 10
".....	White Oak Fuel Co.....	e Oakwood.....	Carlisle.....	Sewell.....	442	12 by 24	.....	.....
".....	Stuart Colliery Co.....	Stuart.....	Stuart.....	Sewell.....	432	12 by 24	.....	.....
".....	Stuart Colliery Co.....	Parra.....	Stuart.....	Sewell.....	585	12 by 24	585	10 by 12
".....	Price Hill Fuel Co.....	Sherwood.....	Sherwood.....	Sewell.....	675	12 by 24	675	10 by 12
".....	Price Hill Fuel Co.....	Sherwood.....	Sherwood.....	Sewell.....	119	12 by 18	119	10 by 12

SHAFT MINES IN WEST VIRGINIA FOR THE YEAR ENDING JUNE 30, 1907.—Continued.

COUNTY	Name of Operator	Name of Mine	Located at	Name of Coal Bed Mined	Depth of Main Shaft to Coal—Feet	Size of Main Shaft—feet	Depth of Air Shaft to Coal—Feet	Size of Air Shaft—Feet
Raleigh	Price Hill Fuel Co.	Price Hill.....	Price Hill.....	Sewell.....	121	12 by 18	121	10 by 12
"	Granberry Fuel Co.	f Granberry.....	Granberry.....	Sewell.....	430	12 by 24	"	"
"	"	f Prosperity.....	Prosperity.....	Sewell.....	470	12 by 24	"	"
"	New River Collieries Co.	Eccle No. 1.....	Wittenberg.....	Beckley.....	440	11½ by 28	c	"
"	"	"	Wittenberg.....	Beckley.....	460	11½ by 28	c	"
McDowell	Cirrus Coal & Coke Co.	Big four or Cirrus.....	Cirrus.....	Poca. No. 3	Slope.....	"	90	12 by 12
"	United States Coal & Coke Co.	No. 1.....	Wilcoe.....	Poca. No. 4	104	33 major axis by 17½ min. axis	105.3	20 major axis by 14 1-6 min. axis
"	"	No. 1.....	Wilcoe.....	Poca. No. 3	178.2	"	183.1	"
"	Middle States Coal & Coke Co.	Middle States.....	Huger.....	Poca. No. 4	182	15 by 21½	179	10 by 12½
"	Dixon-Pocahontas Fuel Co.	North Side.....	Olmsted.....	Poca. No. 4	181	14 by 20½	179	11 2/3 by 15 2/3
"	Jed Coal & Coke Co.	Jed.....	Jed.....	Poca. No. 3	276	26 5-6 by 14½	275	18½ by 14½
Mingo	Warfield Coal Co.	Warfield.....	Kermit.....	Lo. Kittan.	37½	16 by 18	58½	8 by 12

a—This mine has a slope opening also.

b—Both the main and air shafts at this mine are driven down to the Pittsburg Coal in No. 1 Mine.

c—Just being sunk.

d—The main and air shafts of the Upper Freeport Seam are driven on down to the Kittanning Seam.

e—Carlisle and Oakwood Mines are connected.

f—Granberry and Prosperity Mines are connected.

†—Not as yet completed.

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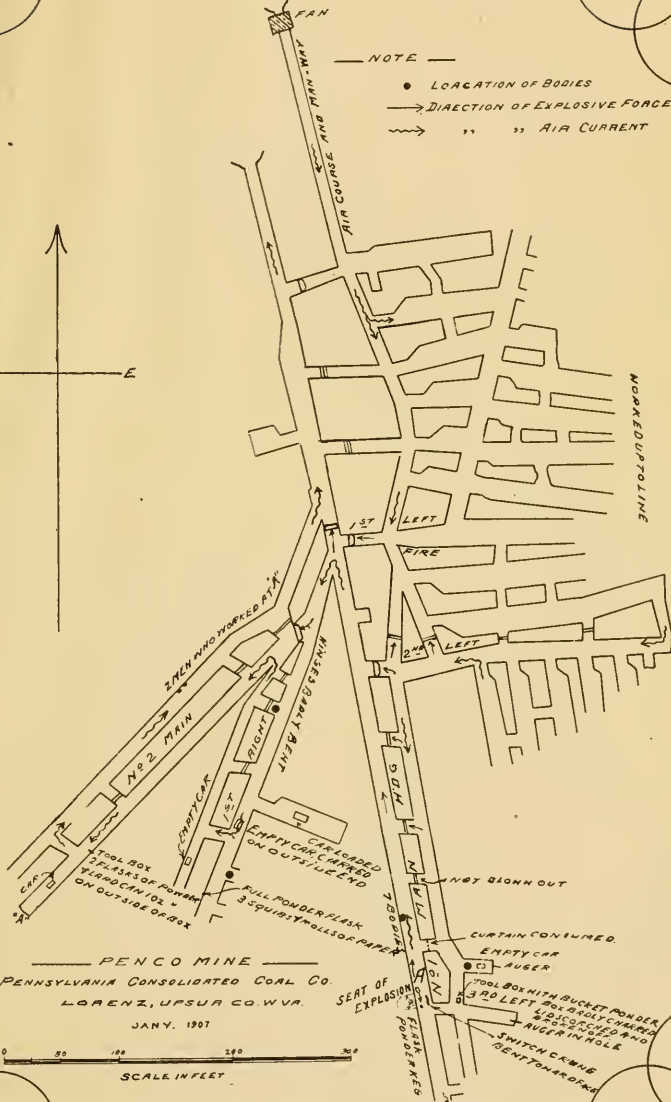
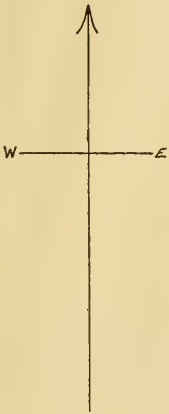
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PLATE I

NOTE

- LOCATION OF BODIES
- DIRECTION OF EXPLOSIVE FORCE
- ~ " " AIR CURRENT

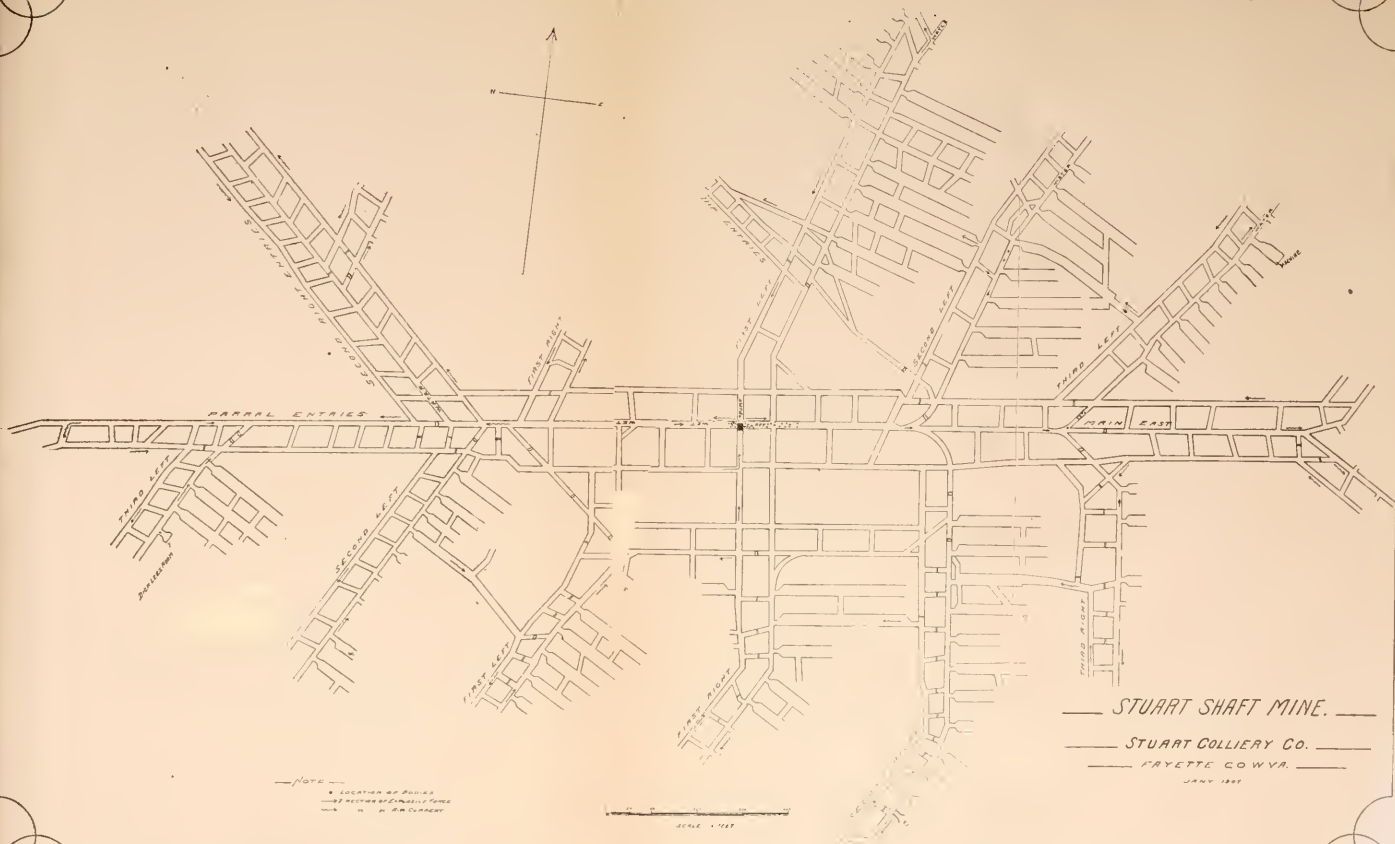


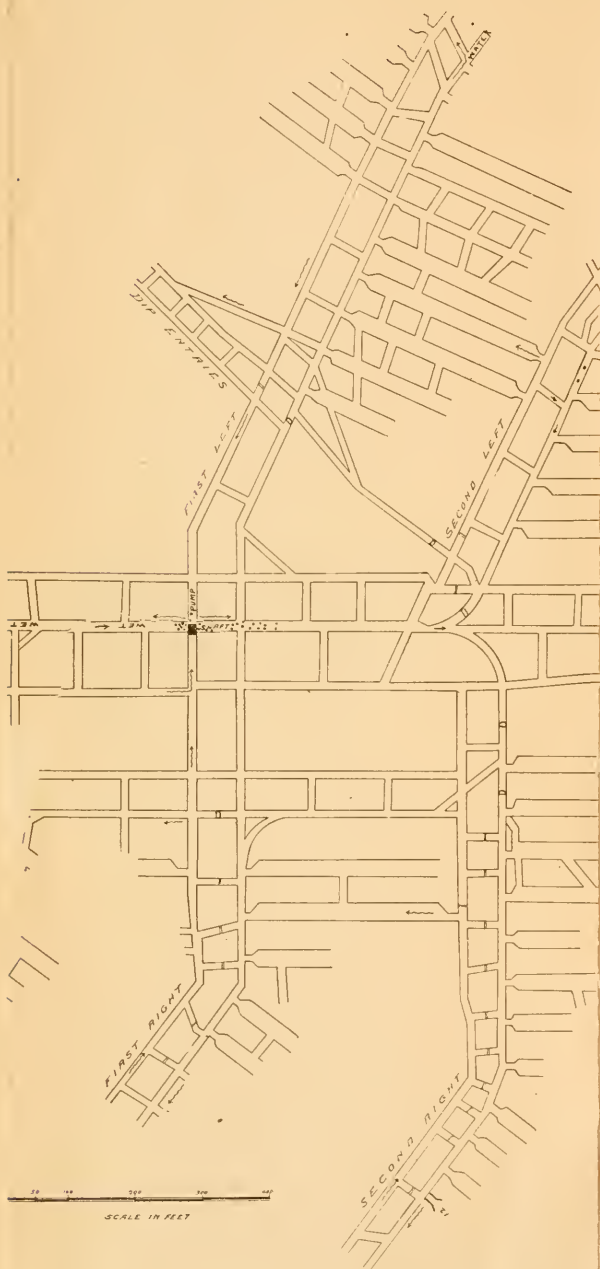
PENCO MINE
PENNSYLVANIA CONSOLIDATED COAL CO.
LORENZ, UPSUR CO. W.VA.
JANY. 1907

SCALE IN FEET
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DEPARTMENT OF MINES





MINE NO 25

DAVIS COAL & CORK CO

THOMAS FUCHER CO MFR

1883-1887

100 200 300

SCALE 1:2000

NOTE

* LOCATION OF BURIAL

- DIRECTION OF BURIAL CHANCE

--- IN A CLOSET

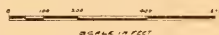


MINE NO 25

DAVIS COAL & COKE CO

THOMAS TUCKER CO WVA

FEB 1907



NOTE

- LOCATION OF BOBIES
- DIRECTION OF EXPLOSIVE FORCE
- AIR CURRENT



